

Converting Colors

XYZ(80.0258, 93.2575, 94.6169)

Have a look what the booklet for
XYZ(80.0258, 93.2575, 94.6169)
contains.

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Color

**XYZ(79.5115, 92.2920,
94.5124)**

Conversions

Conversions Part 1

Format	Color
Hex	D8FFEE
RGB	216, 255, 238
RGB Percent	85%, 100%, 93%
CMY	0.1529, 0.0000, 0.0667
CMYK	0.15, 0.00, 0.07, 0.00
HSL	154°, 100%, 92%
HSV	154°, 15%, 100%
XYZ	79.5115, 92.2920, 94.5124
YIQ	241.4010, -17.7870, -13.5550

Conversions

Conversions Part 2

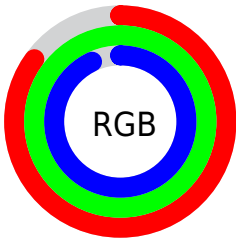
Format	Color
R _Y B	216, 241, 255
Decimal	14221294
CIE Lab	96.94, -15.69, 3.94
CIE LCh	97, 16.173, 165.899
Yxy	92.2920, 0.2986, 0.3466
Android (android.graphics.Color)	4292411374 (0xFFD8FFEE)
YUV	241.4010, -1.6767, -22.2767
Hunter-Lab	96.0687, -20.3843, 8.9186

Details

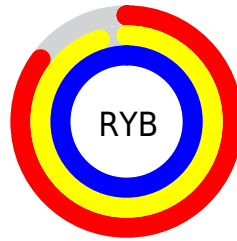
The XYZ color **79.5115, 92.2920, 94.5124** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **80.5043, 76.2558, 87.5665**, and the grayscale version is **83.9474, 88.3192, 96.1796**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3355, 51.3426, 51.8821** is the 20% darker color. If you saturate the color by 10%, you get **70.9703, 88.0717, 85.8505**, and if you desaturate by 10%, it is **89.3242, 97.1560, 103.7630**.

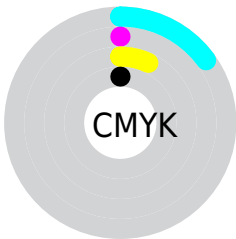
Distribution



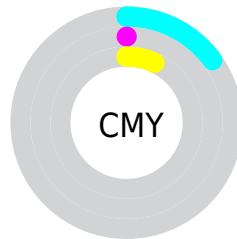
- Red (85%)
- Green (100%)
- Blue (93%)



- Red (85%)
- Yellow (95%)
- Blue (100%)



- Cyan (15%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)



- Cyan (15%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.5115, 92.2920, 94.5124 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 79.5115, 92.2920, 94.5124 by changing the saturation by 10% instead.

79.5115, 92.2920,
94.5124

79.5115, 92.2920,
94.5124

482.0467,
535.4588, 563.5472

59.6235, 69.8832,
71.1346

131.6328,
150.5180, 155.5806

43.3636, 51.4313,
51.9695

164.5969,
187.1040, 194.1080

30.3662, 36.5520,
36.5987

202.6504,
229.1846, 238.5224

20.2662, 24.8608,
24.6036

246.1587,
277.1440, 289.2422

12.6981, 15.9734,
15.5656

295.4871,
331.3667, 346.6861

7.2965, 9.5053,
9.0663

351.0010,

3.6962, 5.0722,

392.2372, 411.2725

4.6870

413.0657,
460.1397, 483.4200

■ 1.5317, 2.2897,
2.0093

■ 0.3473, 0.7682,
0.5610

■ 79.5115, 92.2920,
94.5124

■ 79.5115, 92.2920,
94.5124

■ 70.9703, 88.0717,
85.8505

■ 89.3242, 97.1560,
103.7630

■ 63.6427, 84.4656,
77.7609

95.0500, 100.0000,
108.9000

■ 57.4696, 81.4435,
70.2326

■ 52.3860, 78.9721,
63.2526

■ 48.3201, 77.0144,
56.8072

■ 45.1907, 75.5291,
50.8820

■ 42.9037, 74.4677,
45.4617

■ 41.3432, 73.7708,
40.5295

■ 40.7829, 73.5291,
38.3700

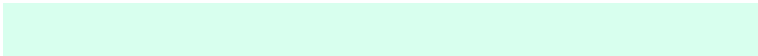
Harmonies

Analogous

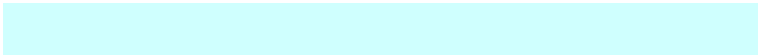
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.5909, 92.2920, 84.0525



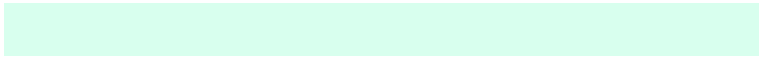
79.5115, 92.2920, 94.5124



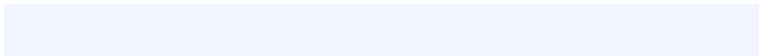
79.5780, 92.2920, 107.5068

Triad

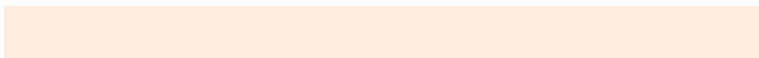
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.5115, 92.2920, 94.5124



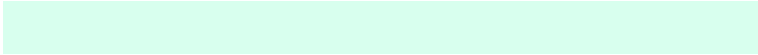
90.1377, 92.2920, 126.5467



93.9471, 92.2920, 83.5604

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



79.5115, 92.2920, 94.5124



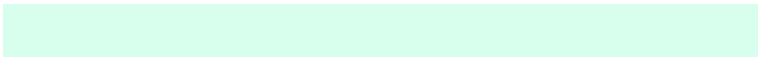
80.5043, 76.2558, 87.5665

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.4009, 92.2920, 93.7860



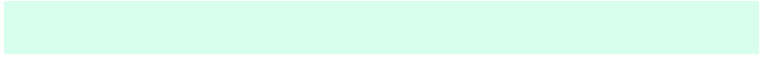
79.5115, 92.2920, 94.5124



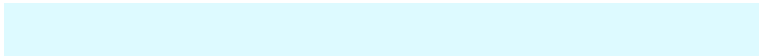
94.1502, 92.2920, 118.9426

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.5115, 92.2920, 94.5124



85.6078, 92.2920, 126.7839



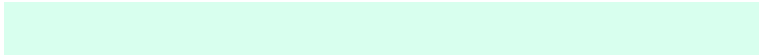
96.4765, 92.2920, 106.7151



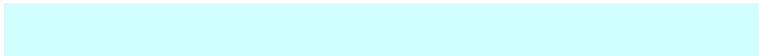
89.8682, 92.2920, 78.1092

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



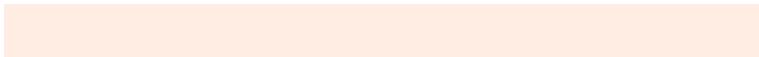
79.5115, 92.2920, 94.5124



80.8273, 92.2920, 115.8989



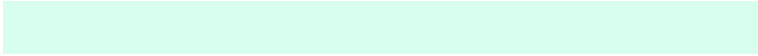
96.4765, 92.2920, 106.7151



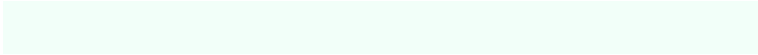
94.9954, 92.2920, 86.5118

Sweetspot

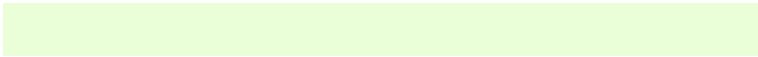
The Sweet Spot groups the original color and five complimentary colors.



79.5123, 92.2924, 94.5139



89.6319, 97.3087, 104.0433



81.9393, 93.8945, 78.7718



19.0276, 20.7500, 22.1260



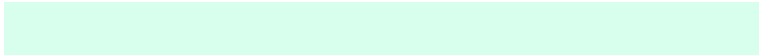
0.0000, 0.0000, 0.0000



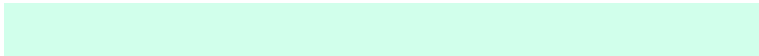
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.5123, 92.2924, 94.5139



77.0773, 91.0877, 92.1117



81.5105, 92.1014, 108.0890



18.2008, 20.3399, 21.3604



21.3863, 38.4511, 20.4514



2.1372, 3.7658, 2.2804

Inverse Universe

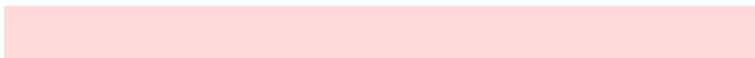
The Inverse Universe completely reimagines the original color for something new.



80.5043, 76.2558, 87.5665



78.2227, 72.5731, 84.0918



78.6938, 76.3357, 75.5536



18.3382, 18.1186, 20.3980



23.1241, 11.7389, 9.3037



2.3052, 1.1644, 1.1885

Previews

White Background



This preview shows how the XYZ color 79.5115, 92.2920, 94.5124 looks on a white background.

Color Contrast Check

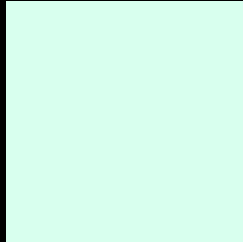
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 79.5115, 92.2920, 94.5124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

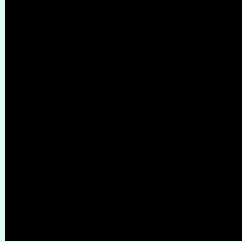
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

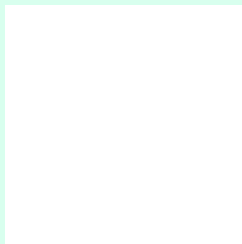
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.5115, 92.2920, 94.5124

Background



This preview shows how black text looks on a background with the XYZ color 79.5115, 92.2920, 94.5124.



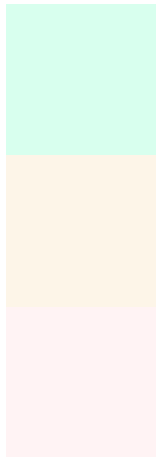
This preview shows how white text looks on a background with the XYZ color 79.5115, 92.2920,

94.5124.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

79.5115, 92.2920, 94.5124

Protanopia

87.7259, 92.0137, 89.4807

Deuteranopia

89.6197, 91.8928, 98.6016



Tritanopia

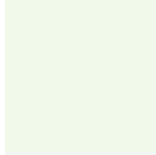
86.2358, 91.7461, 107.7714

Trichromacy



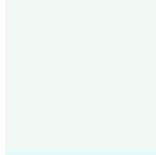
Original Color

79.5115, 92.2920, 94.5124



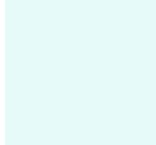
Protanomaly

84.6621, 92.2171, 91.1794



Deuteranomaly

85.5634, 91.6331, 97.1817



Tritanomaly

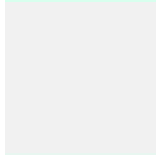
83.5976, 91.8688, 102.9489

Monochromacy



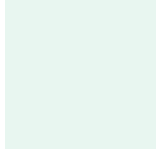
Original Color

79.5115, 92.2920, 94.5124



Achromatopsia

83.6081, 87.9622, 95.7909



Achromatomaly

81.9627, 89.3586, 95.3661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.5115, 92.2920, 94.5124 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(216, 255, 238)` looks like.

```
.text, #text, p{  
    color:rgb(216, 255, 238)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(216, 255, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 255, 238) }
```

Border

The CSS property to change the border of an element to XYZ 79.5115, 92.2920, 94.5124 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 255, 238) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(216, 255, 238) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(216, 255, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 255, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 255, 238);  
box-shadow:4px 4px 4px 4px rgb(216, 255,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 79.5115, 92.2920, 94.5124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 255, 238) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(216,  
255, 238) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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