

Converting Colors

XYZ(79.4967, 92.1395,
101.0540)

Have a look what the booklet for
XYZ(79.4967, 92.1395, 101.0540)
contains.

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Color

**XYZ(79.5459, 92.1709,
100.7870)**

Conversions

Conversions Part 1

Format	Color
Hex	D4FFF6
RGB	212, 255, 246
RGB Percent	83%, 100%, 96%
CMY	0.1686, 0.0000, 0.0353
CMYK	0.17, 0.00, 0.04, 0.00
HSL	167°, 100%, 92%
HSV	167°, 17%, 100%
XYZ	79.5459, 92.1709, 100.7870
YIQ	241.1170, -22.7390, -11.9150

Conversions

Conversions Part 2

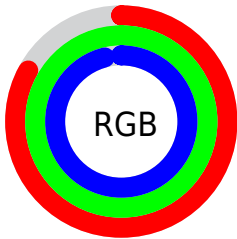
Format	Color
R_{YB}	212, 236, 255
Decimal	13959158
CIE Lab	96.89, -15.40, -0.28
CIE LCh	97, 15.407, 181.029
Yxy	92.1709, 0.2919, 0.3382
Android (android.graphics.Color)	4292149238 (0xFFD4FFF6)
YUV	241.1170, 2.4073, -25.5356
Hunter-Lab	96.0057, -20.1130, 4.9612

Details

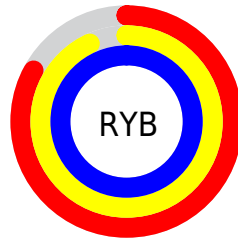
The XYZ color **79.5459, 92.1709, 100.7870** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.8352, 73.5685, 78.5046**, and the grayscale version is **83.6953, 88.0540, 95.8908**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3930, 51.2740, 56.3250** is the 20% darker color. If you saturate the color by 10%, you get **71.9591, 88.3530, 96.2184**, and if you desaturate by 10%, it is **88.3189, 96.5975, 105.5368**.

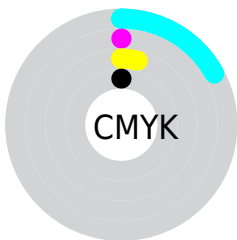
Distribution



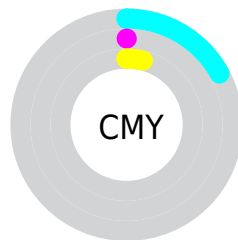
- Red (83%)
- Green (100%)
- Blue (96%)



- Red (83%)
- Yellow (93%)
- Blue (100%)



- Cyan (17%)
- Magenta (0%)
- Yellow (4%)
- Black (0%)





- Cyan (17%)
- Magenta (0%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.5459, 92.1709, 100.7870 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 79.5459, 92.1709, 100.7870 by changing the saturation by 10% instead.


 79.5459, 92.1709,
100.7870

 79.5459, 92.1709,
100.7870


482.1610,
535.0677, 583.9811

 59.6519, 69.7826,
76.3374


131.6810,
150.3502, 164.2996

 43.3865, 51.3493,
56.2009


164.6528,
186.9100, 204.1997

 30.3843, 36.4867,
39.9590

202.7146,
228.9625, 250.0870

 20.2800, 24.8103,
27.1930

246.2318,
276.8919, 302.3801

 12.7082, 15.9358,
17.4845

295.5697,
331.0828, 361.4975

 7.3035, 9.4787,
10.4149

351.0936,

 3.7007, 5.0547,

391.9194, 427.8578

5.5657

413.1689,
459.7862, 501.8795

■ 1.5342, 2.2794,
2.5184

■ 0.3489, 0.7628,
0.8499

■ 79.5459, 92.1709,
100.7870

■ 79.5459, 92.1709,
100.7870

■ 71.9591, 88.3530,
96.2184

■ 88.3189, 96.5975,
105.5368

■ 65.5013, 85.1145,
91.8231

95.0500, 100.0000,
108.9000

■ 60.1145, 82.4254,
87.5988

■ 55.7344, 80.2526,
83.5413

■ 52.2896, 78.5594,
79.6463

■ 49.6992, 77.3041,
75.9089

■ 47.8683, 76.4377,
72.3237

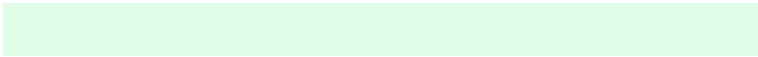
■ 46.6767, 75.8983,
68.8838

■ 46.3776, 75.7670,
67.8315

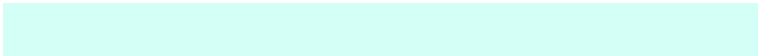
Harmonies

Analogous

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



80.5251, 92.1709, 89.2515



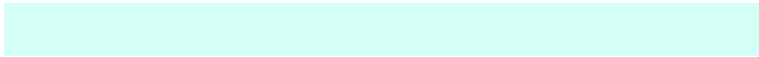
79.5459, 92.1709, 100.7870



80.6664, 92.1709, 113.1517

Triad

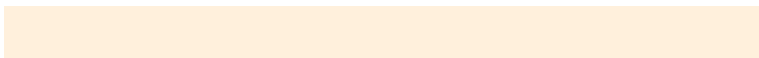
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.5459, 92.1709, 100.7870



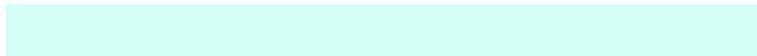
91.9657, 92.1709, 122.1976



91.6986, 92.1709, 80.9186

Complementary

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



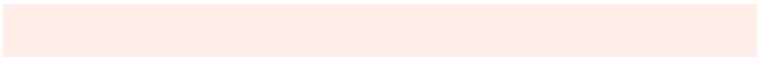
79.5459, 92.1709, 100.7870



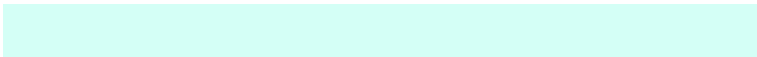
77.8352, 73.5685, 78.5046

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.



94.9319, 92.1709, 88.5678



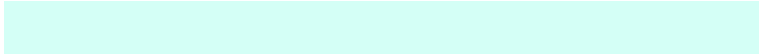
79.5459, 92.1709, 100.7870



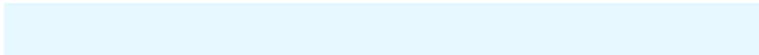
95.0896, 92.1709, 112.3506

Square

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



79.5459, 92.1709, 100.7870



87.7552, 92.1709, 126.1232



96.1923, 92.1709, 99.9311



87.4563, 92.1709, 78.3656

Rectangle

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



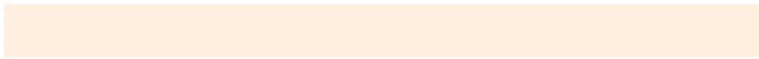
79.5459, 92.1709, 100.7870



82.4754, 92.1709, 120.0514



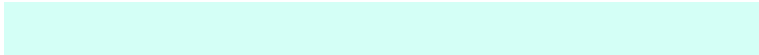
96.1923, 92.1709, 99.9311



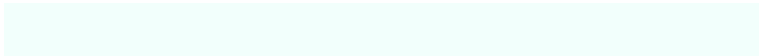
92.9444, 92.1709, 82.9462

Sweetspot

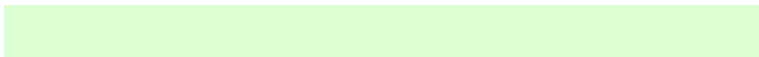
The Sweet Spot groups the original color and five complimentary colors.



79.5468, 92.1713, 100.7885



90.0872, 97.4908, 106.4409



77.5597, 91.6957, 75.8999



19.1384, 20.7943, 22.7095



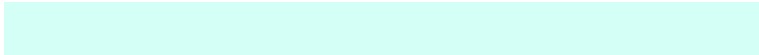
0.0000, 0.0000, 0.0000



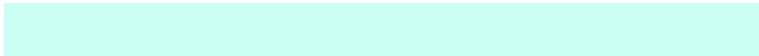
20.3446, 21.4041, 23.3091

Same Dimension

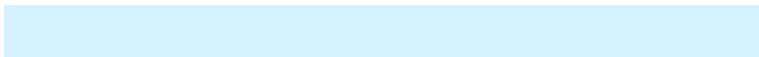
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.5468, 92.1713, 100.7885



77.0407, 90.9089, 99.3353



77.1979, 85.2092, 106.9860



18.3824, 20.4125, 22.3169



24.2897, 39.6125, 35.7406



2.4039, 3.8725, 3.6848

Inverse Universe

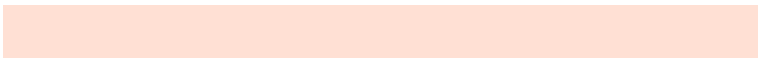
The Inverse Universe completely reimagines the original color for something new.



77.8352, 73.5685, 78.5046



75.0566, 69.3352, 73.4969



79.8293, 79.4243, 73.4117



18.1649, 18.0493, 19.4853



21.9322, 11.2622, 3.0274



2.1730, 1.1116, 0.4924

Previews

White Background



This preview shows how the XYZ color 79.5459, 92.1709, 100.7870 looks on a white background.

Color Contrast Check

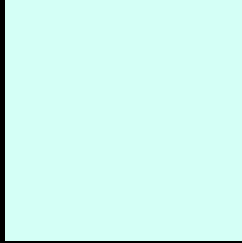
Large Text (above 18pt) WCAG AA × Fail

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 79.5459, 92.1709, 100.7870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

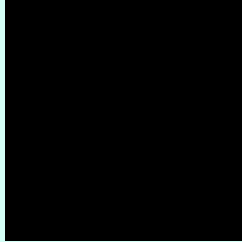
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

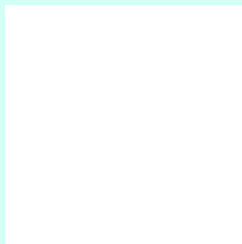
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 79.5459, 92.1709, 100.7870

Background



This preview shows how black text looks on a background with the XYZ color 79.5459, 92.1709, 100.7870.



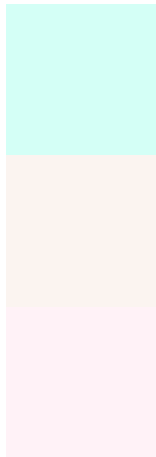
This preview shows how white text looks on a background with the XYZ color 79.5459, 92.1709,

100.7870.

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

79.5459, 92.1709, 100.7870

Protanopia

87.8625, 91.5019, 95.4689

Deuteranopia

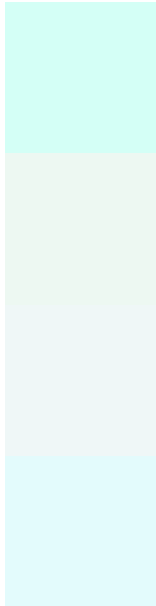
89.7806, 91.4797, 100.9211



Tritanopia

86.2095, 92.1877, 107.8580

Trichromacy



Original Color

79.5459, 92.1709, 100.7870

Protanomaly

84.5195, 91.5501, 97.2207

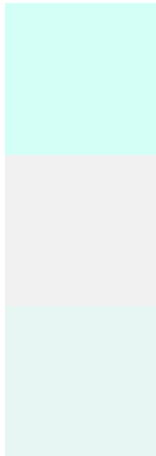
Deuteranomaly

85.6459, 91.5877, 101.1599

Tritanomaly

83.7464, 92.3535, 105.5076

Monochromacy



Original Color

79.5459, 92.1709, 100.7870

Achromatopsia

83.6081, 87.9622, 95.7909

Achromatomaly

81.7666, 89.2056, 97.7029

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.5459, 92.1709, 100.7870 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(212, 255, 246)` looks like.

```
.text, #text, p{  
    color:rgb(212, 255, 246)  
}
```

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(212, 255, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 255, 246) }
```

Border

The CSS property to change the border of an element to XYZ 79.5459, 92.1709, 100.7870 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(212, 255, 246) }
```


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

```
.border{ border-color:rgb(212, 255, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 255, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 255, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 255, 246);  
box-shadow:4px 4px 4px 4px rgb(212, 255,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 79.5459, 92.1709, 100.7870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 255, 246) }
```

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

```
.background{ background-color: rgb(212,  
255, 246) }
```

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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