

Converting Colors

XYZ(81.1689, 94.6048, 95.5773)

Have a look what the booklet for
XYZ(81.1689, 94.6048, 95.5773)
contains.

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Color

**XYZ(80.2534, 92.6574,
95.3162)**

Conversions

Conversions Part 1

Format	Color
Hex	DAFFEF
RGB	218, 255, 239
RGB Percent	85%, 100%, 94%
CMY	0.1451, 0.0000, 0.0627
CMYK	0.15, 0.00, 0.06, 0.00
HSL	154°, 100%, 93%
HSV	154°, 15%, 100%
XYZ	80.2534, 92.6574, 95.3162
YIQ	242.1130, -16.9160, -12.8200

Conversions

Conversions Part 2

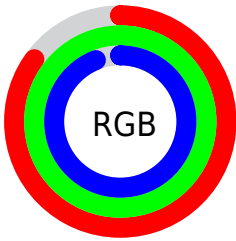
Format	Color
R _Y B	218, 242, 255
Decimal	14352367
CIE Lab	97.09, -14.87, 3.66
CIE LCh	97, 15.310, 166.178
Yxy	92.6574, 0.2992, 0.3454
Android (android.graphics.Color)	4292542447 (0xFFDAFFEF)
YUV	242.1130, -1.5347, -21.1471
Hunter-Lab	96.2587, -19.6326, 8.6716

Details

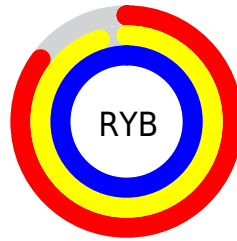
The XYZ color **80.2534, 92.6574, 95.3162** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81.1632, 77.3443, 88.4931**, and the grayscale version is **84.5085, 88.9095, 96.8225**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.8456, 51.5936, 52.4474** is the 20% darker color. If you saturate the color by 10%, you get **71.6257, 88.3922, 86.6673**, and if you desaturate by 10%, it is **90.1553, 97.5680, 104.5464**.

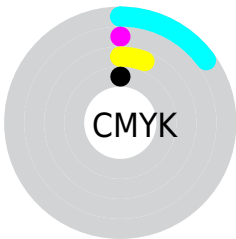
Distribution



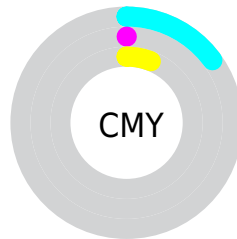
- Red (85%)
- Green (100%)
- Blue (94%)



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



- Cyan (15%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)



- Cyan (15%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.2534, 92.6574, 95.3162 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 80.2534, 92.6574, 95.3162 by changing the saturation by 10% instead.

80.2534, 92.6574,
95.3162

80.2534, 92.6574,
95.3162

484.5099,
536.6379, 566.1869

60.2361, 70.1868,
71.7998

132.6706,
151.0242, 156.7007

43.8591, 51.6788,
52.5093

165.8012,
187.6892, 195.4059

30.7572, 36.7491,
37.0262

204.0336,
229.8544, 240.0112

20.5650, 25.0133,
24.9318

247.7331,
277.9042, 290.9350

12.9170, 16.0870,
15.8077

297.2652,
332.2231, 348.5960

7.4480, 9.5857,
9.2353

352.9951,

3.7927, 5.1252,

393.1954, 413.4126

4.7961

415.2882,
461.2055, 485.8034

■ 1.5855, 2.3209,
2.0715

■ 0.3829, 0.7847,
0.5987

■ 80.2534, 92.6574,
95.3162

■ 80.2534, 92.6574,
95.3162

■ 71.6257, 88.3922,
86.6673

■ 90.1553, 97.5680,
104.5464

■ 64.2145, 84.7428,
78.5835

95.0500, 100.0000,
108.9000

■ 57.9613, 81.6793,
71.0542

■ 52.8013, 79.1686,
64.0666

■ 48.6636, 77.1742,
57.6074

■ 45.4678, 75.6550,
51.6625

■ 43.1212, 74.5634,
46.2169

■ 41.5101, 73.8410,
41.2543

■ 40.8506, 73.5562,
38.7265

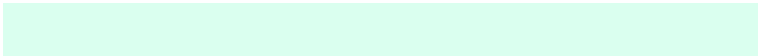
Harmonies

Analogous

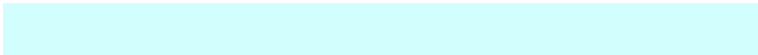
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.2156, 92.6574, 85.3109



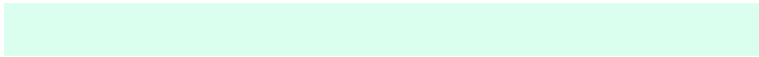
80.2534, 92.6574, 95.3162



80.3364, 92.6574, 107.6556

Triad

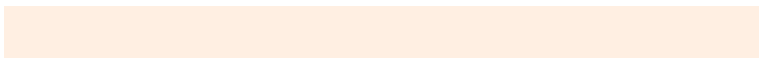
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.2534, 92.6574, 95.3162



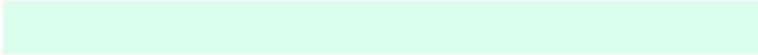
90.4004, 92.6574, 125.4771



93.9398, 92.6574, 84.6946

Complementary

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



80.2534, 92.6574, 95.3162



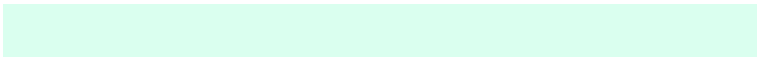
81.1632, 77.3443, 88.4931

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.



96.2805, 92.6574, 94.4104



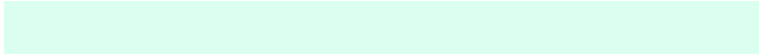
80.2534, 92.6574, 95.3162



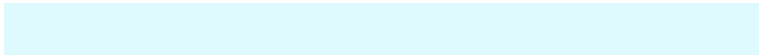
94.1919, 92.6574, 118.2549

Square

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



80.2534, 92.6574, 95.3162



86.1004, 92.6574, 125.7698



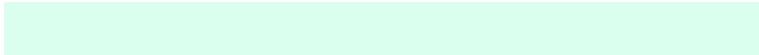
96.3743, 92.6574, 106.6731



90.0655, 92.6574, 79.5257

Rectangle

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



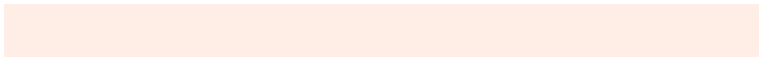
80.2534, 92.6574, 95.3162



81.5382, 92.6574, 115.5771



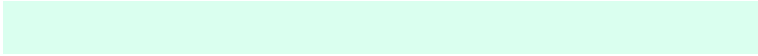
96.3743, 92.6574, 106.6731



94.9376, 92.6574, 87.4997

Sweetspot

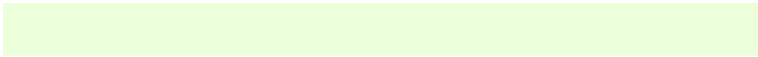
The Sweet Spot groups the original color and five complimentary colors.



80.2543, 92.6578, 95.3177



90.6944, 97.8357, 105.0319



82.3581, 94.0803, 80.1495



19.2421, 20.8563, 22.3277



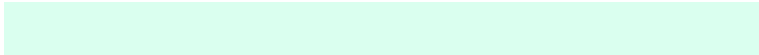
0.0000, 0.0000, 0.0000



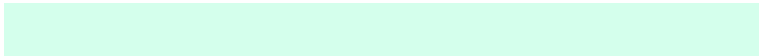
20.3446, 21.4041, 23.3091

Same Dimension

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



80.2543, 92.6578, 95.3177



77.9880, 91.5361, 93.1093



81.9422, 92.0821, 108.0625



18.2035, 20.3409, 21.3748



21.4217, 38.4653, 20.6375



2.1406, 3.7672, 2.2982

Inverse Universe

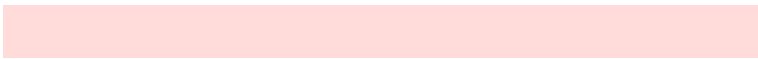
The Inverse Universe completely reimagines the original color for something new.



81.1632, 77.3443, 88.4931



79.0345, 73.9075, 85.2539



79.6115, 77.7547, 77.1431



18.3355, 18.1175, 20.3838



23.0985, 11.7287, 9.1689



2.3026, 1.1634, 1.1748

Previews

White Background



This preview shows how the XYZ color 80.2534, 92.6574, 95.3162 looks on a white background.

Color Contrast Check

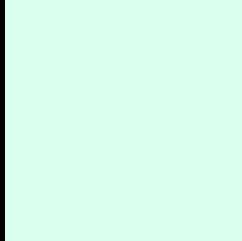
Large Text (above 18pt) WCAG AA × Fail

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 80.2534, 92.6574, 95.3162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

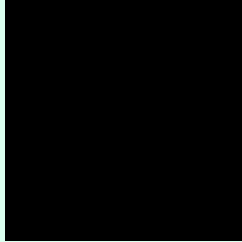
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

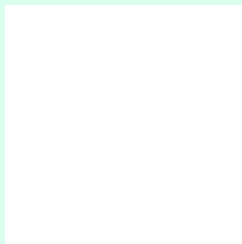
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 80.2534, 92.6574, 95.3162

Background



This preview shows how black text looks on a background with the XYZ color 80.2534, 92.6574, 95.3162.



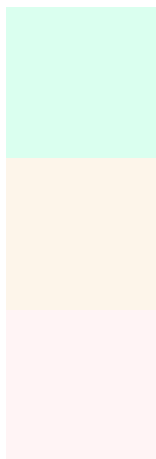
This preview shows how white text looks on a background with the XYZ color 80.2534, 92.6574,

95.3162.

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

80.2534, 92.6574, 95.3162

Protanopia

88.0117, 92.1280, 90.9857

Deuteranopia

90.0721, 92.5539, 99.5036



Tritanopia

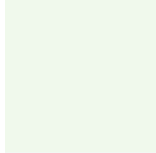
87.2140, 92.7055, 107.9050

Trichromacy



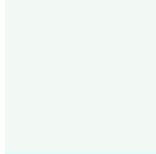
Original Color

80.2534, 92.6574, 95.3162



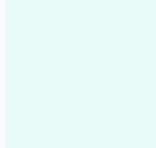
Protanomaly

84.9512, 92.3328, 92.7015



Deuteranomaly

86.3630, 92.4831, 98.0932



Tritanomaly

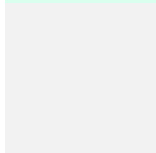
84.5511, 92.8228, 103.0828

Monochromacy



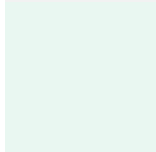
Original Color

80.2534, 92.6574, 95.3162



Achromatopsia

84.3971, 88.7923, 96.6948



Achromatomaly

82.7422, 90.1960, 96.2677

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.2534, 92.6574, 95.3162 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(218, 255, 239)` looks like.

```
.text, #text, p{  
    color:rgb(218, 255, 239)  
}
```

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(218, 255, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 255, 239) }
```

Border

The CSS property to change the border of an element to XYZ 80.2534, 92.6574, 95.3162 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(218, 255, 239) }
```


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

```
.border{ border-color:rgb(218, 255, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 255, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 255, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 255, 239);  
box-shadow:4px 4px 4px 4px rgb(218, 255,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 80.2534, 92.6574, 95.3162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 255, 239) }
```

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

```
.background{ background-color: rgb(218,  
255, 239) }
```

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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