

Converting Colors

XYZ(73.4565, 82.7551, 98.4917)

Have a look what the booklet for
XYZ(73.4565, 82.7551, 98.4917)
contains.

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Color

**XYZ(73.3903, 82.6250,
98.4663)**

Conversions

Conversions Part 1

Format	Color
Hex	CEF1F5
RGB	206, 241, 245
RGB Percent	81%, 95%, 96%
CMY	0.1921, 0.0549, 0.0392
CMYK	0.16, 0.02, 0.00, 0.04
HSL	186°, 66%, 88%
HSV	186°, 16%, 96%
XYZ	73.3903, 82.6250, 98.4663
YIQ	230.9910, -22.1440, -6.1760

Conversions

Conversions Part 2

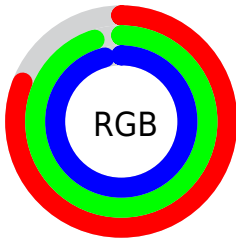
Format	Color
R _Y B	206, 224, 245
Decimal	13562357
CIE Lab	92.85, -10.47, -5.73
CIE LCh	93, 11.940, 208.705
Yxy	82.6250, 0.2884, 0.3247
Android (android.graphics.Color)	4291752437 (0xFFCEF1F5)
YUV	230.9910, 6.9064, -21.9171
Hunter-Lab	90.8983, -14.9530, -0.5976

Details

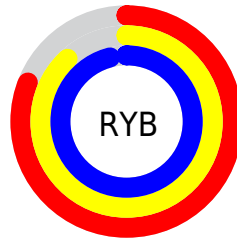
The XYZ color **73.3903, 82.6250, 98.4663** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.8439, 69.9617, 68.1113**, and the grayscale version is **75.9130, 79.8663, 86.9744**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2968, 44.9514, 54.7494** is the 20% darker color. If you saturate the color by 10%, you get **66.3744, 77.9146, 97.9282**, and if you desaturate by 10%, it is **81.4814, 87.9092, 99.0611**.

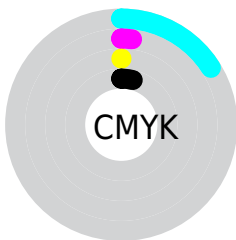
Distribution



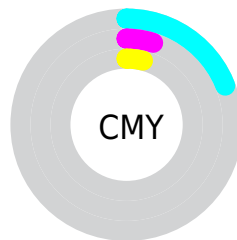
- Red (81%)
- Green (95%)
- Blue (96%)



- Red (81%)
- Yellow (88%)
- Blue (96%)



- Cyan (16%)
- Magenta (2%)
- Yellow (0%)
- Black (4%)



- Cyan (19%)
- Magenta (5%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.3903, 82.6250, 98.4663 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 73.3903, 82.6250, 98.4663 by changing the saturation by 10% instead.

73.3903, 82.6250,
98.4663

73.3903, 82.6250,
98.4663

461.4493,
503.7359, 576.4688

54.5847, 61.8808,
74.4106

123.0313,
137.0501, 161.0814

39.3018, 44.9364,
54.6313

154.5974,
171.4999, 200.4778

27.1764, 31.4074,
38.7100

191.1476,
211.2869, 245.8249

17.8430, 20.9092,
26.2281

233.0474,
256.7957, 297.5411

10.9363, 13.0577,
16.7671

280.6621,
308.4106, 356.0451

6.0910, 7.4683,
9.9084

334.3571,

2.9417, 3.7566,

366.5160, 421.7554

5.2334

394.4977,
431.4963, 495.0904

■ 1.1230, 1.5384,
2.3237

■ 0.0442, 0.3155,
0.7445

■ 73.3903, 82.6250,
98.4663

■ 73.3903, 82.6250,
98.4663

■ 66.3744, 77.9146,
97.9282

■ 81.4814, 87.9092,
99.0611

■ 60.3774, 73.7425,
97.4390

■ 90.6855, 93.7803,
99.7093

■ 55.3491, 70.0848,
96.9980

■ 91.4545, 95.3182,
99.9656

■ 51.2316, 66.9117,
96.6025

■ 92.2338, 96.8769,
100.2254

■ 47.9612, 64.1902,
96.2496

■ 93.0235, 98.4564,
100.4886

■ 45.4657, 61.8832,
95.9358

■ 93.4817, 99.3727,
100.6413

■ 43.6608, 59.9470,
95.6572

■ 42.4421, 58.3277,
95.4089

■ 42.0473, 57.7239,
95.3132

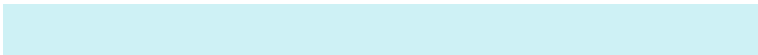
Harmonies

Analogous

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



72.6897, 82.6250, 89.5770



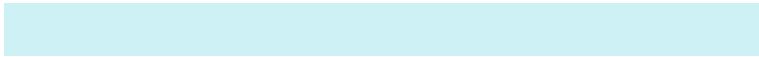
73.3903, 82.6250, 98.4663



75.4592, 82.6250, 105.4493

Triad

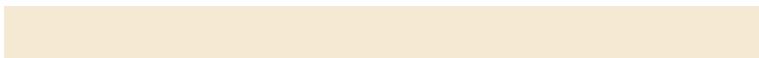
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.3903, 82.6250, 98.4663



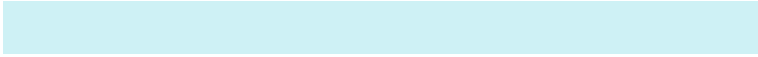
83.7681, 82.6250, 99.1820



78.6682, 82.6250, 73.8667

Complementary

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



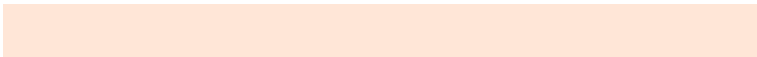
73.3903, 82.6250, 98.4663



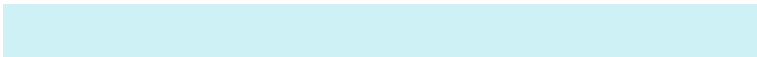
71.8439, 69.9617, 68.1113

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.



81.6884, 82.6250, 76.0752



73.3903, 82.6250, 98.4663



84.6805, 82.6250, 90.3533

Square

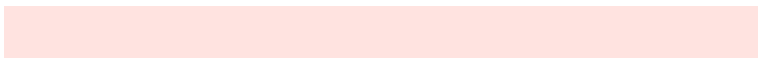
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.3903, 82.6250, 98.4663



81.4476, 82.6250, 105.8814



83.9096, 82.6250, 81.9669



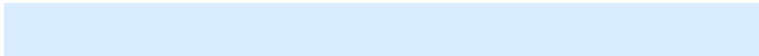
75.6880, 82.6250, 75.7286

Rectangle

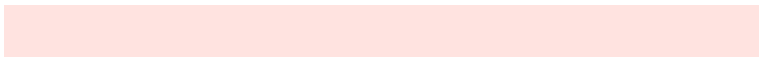
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



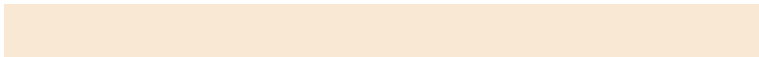
73.3903, 82.6250, 98.4663



77.3641, 82.6250, 107.8754



83.9096, 82.6250, 81.9669



79.7128, 82.6250, 74.1549

Sweetspot

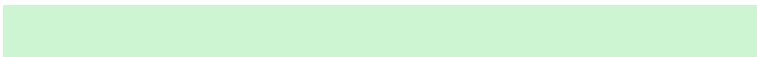
The Sweet Spot groups the original color and five complimentary colors.



73.3927, 82.6284, 98.4682



90.0984, 96.8307, 108.5492



69.7278, 83.0762, 73.2691



19.1411, 20.6332, 23.2237



0.0000, 0.0000, 0.0000



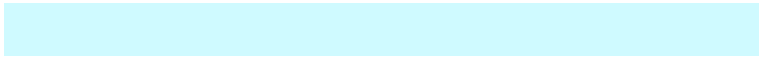
20.3446, 21.4041, 23.3091

Same Dimension

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



73.3927, 82.6284, 98.4682



77.8531, 88.8137, 107.6472



67.9516, 71.7462, 96.6544



16.8431, 18.4505, 21.2161



22.7112, 31.2161, 51.3663



2.0371, 2.8256, 4.5283

Inverse Universe

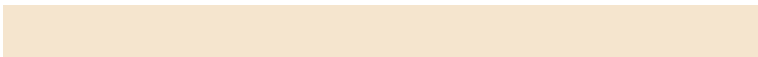
The Inverse Universe completely reimagines the original color for something new.



75.6065, 69.9076, 92.7317



80.7048, 72.5722, 100.2255



76.9282, 80.1304, 69.8061



17.1361, 16.7373, 20.4635



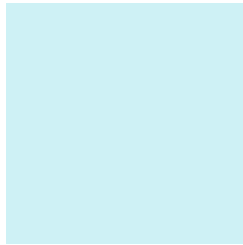
27.2681, 13.2507, 37.7156



2.4173, 1.1729, 3.4239

Previews

White Background



This preview shows how the XYZ color 73.3903, 82.6250, 98.4663 looks on a white background.

Color Contrast Check

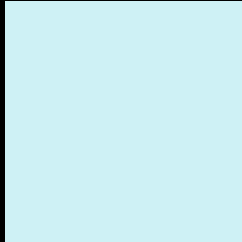
Large Text (above 18pt) WCAG AA × Fail

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 73.3903, 82.6250, 98.4663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

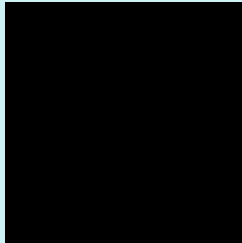
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

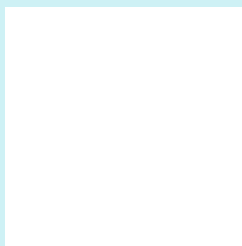
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.3903, 82.6250, 98.4663

Background



This preview shows how black text looks on a background with the XYZ color 73.3903, 82.6250, 98.4663.

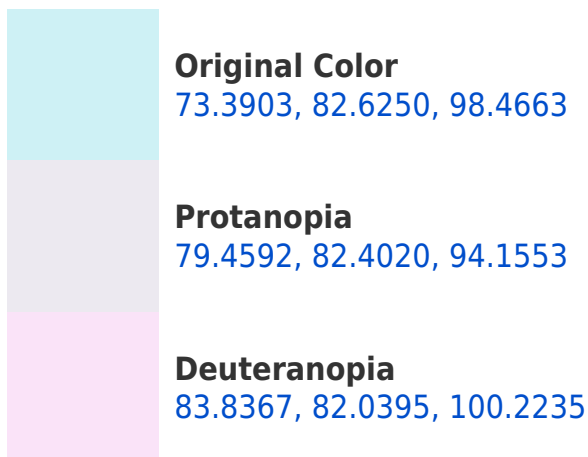


This preview shows how white text looks on a background with the XYZ color 73.3903, 82.6250,

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

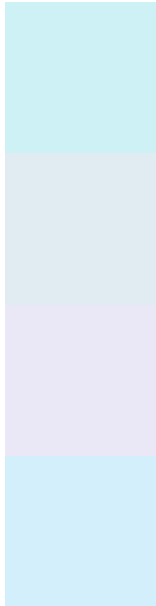




Tritanopia

75.7759, 82.3661, 106.5122

Trichromacy



Original Color

73.3903, 82.6250, 98.4663

Protanomaly

77.0738, 82.4093, 95.8488

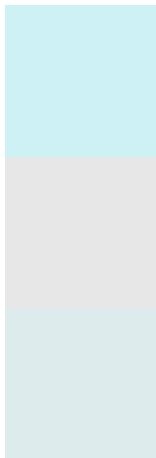
Deuteranomaly

79.5768, 81.9211, 99.6139

Tritanomaly

74.8574, 82.3997, 103.2261

Monochromacy



Original Color

73.3903, 82.6250, 98.4663

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

74.9729, 81.0024, 91.0404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.3903, 82.6250, 98.4663 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(206, 241, 245)` looks like.

```
.text, #text, p{  
    color:rgb(206, 241, 245)  
}
```

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(206, 241, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 241, 245) }
```

Border

The CSS property to change the border of an element to XYZ 73.3903, 82.6250, 98.4663 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(206, 241, 245) }
```


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

```
.border{ border-color:rgb(206, 241, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 241, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 241, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 241, 245);  
box-shadow:4px 4px 4px 4px rgb(206, 241,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 73.3903, 82.6250, 98.4663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 241, 245) }
```

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

```
.background{ background-color: rgb(206,  
241, 245) }
```

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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