

Converting Colors

XYZ(75.5431, 83.5531, 98.5494)

Have a look what the booklet for
XYZ(75.5431, 83.5531, 98.5494)
contains.

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Color

**XYZ(75.6683, 83.7993,
98.5729)**

Conversions

Conversions Part 1

Format	Color
Hex	D6F1F5
RGB	214, 241, 245
RGB Percent	84%, 95%, 96%
CMY	0.1608, 0.0549, 0.0392
CMYK	0.13, 0.02, 0.00, 0.04
HSL	188°, 61%, 90%
HSV	188°, 13%, 96%
XYZ	75.6683, 83.7993, 98.5729
YIQ	233.3830, -17.3760, -4.4800

Conversions

Conversions Part 2

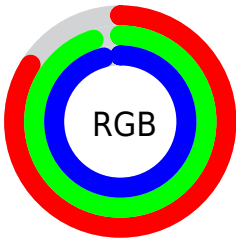
Format	Color
R _Y B	214, 228, 245
Decimal	14086645
CIE Lab	93.36, -7.99, -4.92
CIE LCh	93, 9.381, 211.630
Yxy	83.7993, 0.2932, 0.3248
Android (android.graphics.Color)	4292276725 (0xFFD6F1F5)
YUV	233.3830, 5.7272, -16.9989
Hunter-Lab	91.5420, -12.6509, 0.2356

Details

The XYZ color **75.6683, 83.7993, 98.5729** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.8657, 74.4101, 74.0366**, and the grayscale version is **77.7102, 81.7572, 89.0336**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8323, 45.7430, 54.8213** is the 20% darker color. If you saturate the color by 10%, you get **68.1226, 78.5356, 97.9559**, and if you desaturate by 10%, it is **84.3105, 89.6569, 99.2494**.

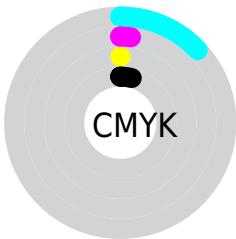
Distribution



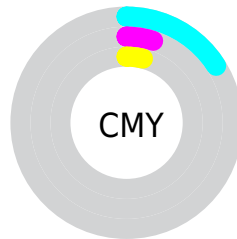
- Red (84%)
- Green (95%)
- Blue (96%)



- Red (84%)
- Yellow (89%)
- Blue (96%)



- Cyan (13%)
- Magenta (2%)
- Yellow (0%)
- Black (4%)



- Cyan (16%)
- Magenta (5%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.6683, 83.7993, 98.5729 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 75.6683, 83.7993, 98.5729 by changing the saturation by 10% instead.

75.6683, 83.7993,
98.5729

75.6683, 83.7993,
98.5729

469.1733,
507.6465, 576.8150

56.4567, 62.8497,
74.4990

126.2408,
138.6944, 161.2294

40.8076, 45.7197,
54.7033

158.3323,
173.4087, 200.6490

28.3558, 32.0247,
38.7672

195.4479,
213.4801, 246.0210

18.7359, 21.3803,
26.2723

237.9528,
259.2929, 297.7639

11.5824, 13.4023,
16.7998

286.2125,
311.2316, 356.2962

6.5302, 7.7062,
9.9314

340.5922,

3.2138, 3.9075,

369.6805, 422.0365

5.2485

401.4574,
435.0240, 495.4032

■ 1.2678, 1.6220,
2.3325

■ 0.1589, 0.3723,
0.7494

■ 75.6683, 83.7993,
98.5729

■ 75.6683, 83.7993,
98.5729

■ 68.1226, 78.5356,
97.9559

■ 84.3105, 89.6569,
99.2494

■ 61.6182, 73.8303,
97.3905

■ 91.0811, 94.5715,
99.8411

■ 56.1060, 69.6604,
96.8762

■ 92.0569, 96.5232,
100.1664

■ 51.5299, 65.9968,
96.4102

■ 93.0492, 98.5077,
100.4972

■ 47.8283, 62.8076,
95.9897

■ 93.4817, 99.3727,
100.6413

■ 44.9320, 60.0570,
95.6115

■ 42.7613, 57.7038,
95.2717

■ 41.2195, 55.6980,
94.9658

■ 40.3806, 54.3905,
94.7576

Harmonies

Analogous

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



74.9896, 83.7993, 91.6312



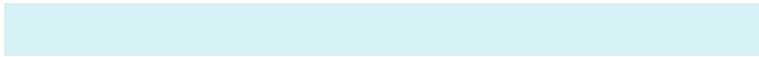
75.6683, 83.7993, 98.5729



77.4106, 83.7993, 103.7578

Triad

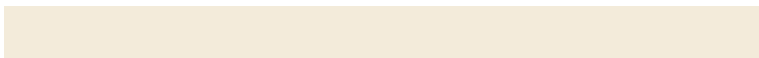
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.6683, 83.7993, 98.5729



83.9063, 83.7993, 97.8680



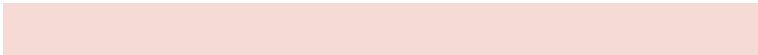
79.5135, 83.7993, 78.2965

Complementary

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



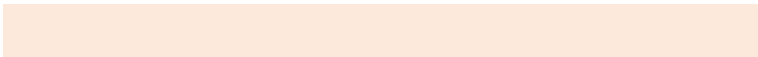
75.6683, 83.7993, 98.5729



74.8657, 74.4101, 74.0366

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.



81.9295, 83.7993, 79.7776



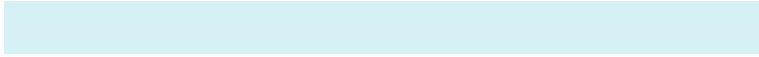
75.6683, 83.7993, 98.5729



84.4970, 83.7993, 90.8563

Square

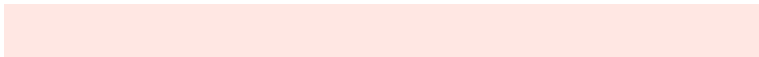
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.6683, 83.7993, 98.5729



82.1685, 83.7993, 103.3363



83.7663, 83.7993, 84.2861



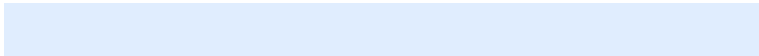
77.1810, 83.7993, 80.1324

Rectangle

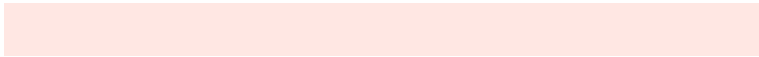
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.6683, 83.7993, 98.5729



78.9586, 83.7993, 105.3901



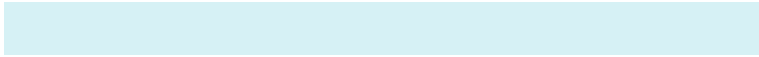
83.7663, 83.7993, 84.2861



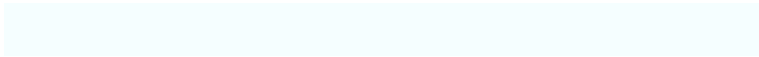
80.3429, 83.7993, 78.4225

Sweetspot

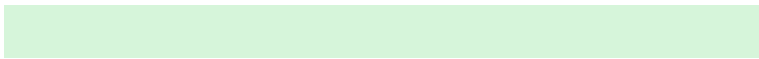
The Sweet Spot groups the original color and five complimentary colors.



75.6707, 83.8028, 98.5748



90.9784, 97.2804, 108.5897



72.9902, 84.6443, 78.5595



19.3140, 20.7151, 23.2304



0.0000, 0.0000, 0.0000



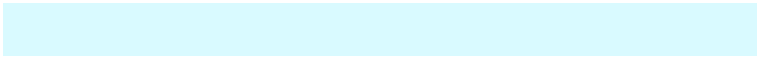
20.3446, 21.4041, 23.3091

Same Dimension

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



75.6707, 83.8028, 98.5748



80.7980, 90.3474, 107.7880



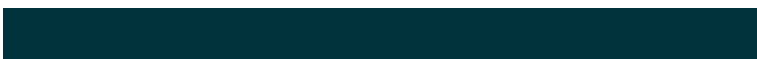
71.3791, 75.2196, 97.1442



16.8038, 18.3719, 21.2030



21.8259, 29.4455, 51.0712



1.9681, 2.6876, 4.5053

Inverse Universe

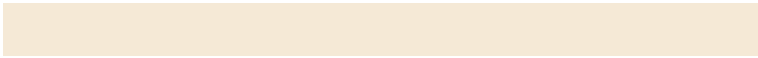
The Inverse Universe completely reimagines the original color for something new.



77.5819, 73.8583, 93.3902



83.2546, 77.6634, 101.1016



78.9671, 82.6129, 75.4038



17.1163, 16.7294, 20.3589



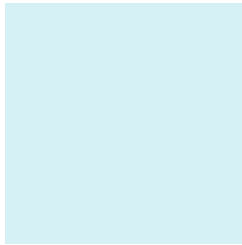
26.8212, 13.0719, 35.3625



2.3825, 1.1589, 3.2404

Previews

White Background



This preview shows how the XYZ color 75.6683, 83.7993, 98.5729 looks on a white background.

Color Contrast Check

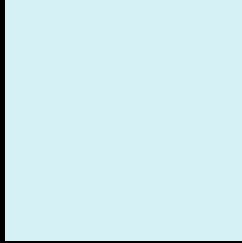
Large Text (above 18pt) WCAG AA × Fail

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 75.6683, 83.7993, 98.5729 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 75.6683, 83.7993, 98.5729

Background



This preview shows how black text looks on a background with the XYZ color 75.6683, 83.7993, 98.5729.



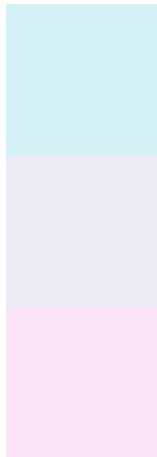
This preview shows how white text looks on a background with the XYZ color 75.6683, 83.7993,

98.5729.

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

75.6683, 83.7993, 98.5729

Protanopia

80.5599, 83.3737, 95.0659

Deuteranopia

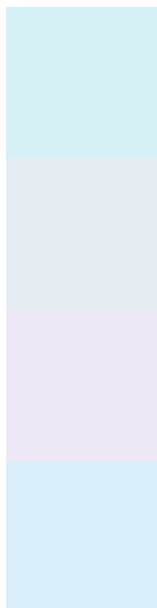
85.4706, 83.6986, 100.4576



Tritanopia

78.1299, 84.0131, 106.7060

Trichromacy



Original Color

75.6683, 83.7993, 98.5729

Protanomaly

78.6243, 83.6372, 96.0040

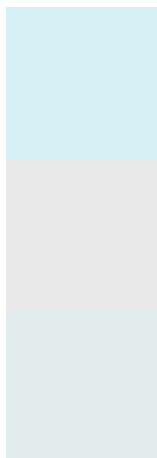
Deuteranomaly

81.5240, 83.3439, 99.7859

Tritanomaly

77.1879, 84.0369, 103.4193

Monochromacy



Original Color

75.6683, 83.7993, 98.5729

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

76.6455, 82.2741, 91.9616

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6683, 83.7993, 98.5729 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(214, 241, 245)` looks like.

```
.text, #text, p{  
    color:rgb(214, 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(214, 241, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 241, 245) }
```

Border

The CSS property to change the border of an element to XYZ 75.6683, 83.7993, 98.5729 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(214, 241, 245) }
```


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

```
.border{ border-color:rgb(214, 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(214, 241, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 241, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 241, 245);  
box-shadow:4px 4px 4px 4px rgb(214, 241,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6683, 83.7993, 98.5729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 241, 245) }
```

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

```
.background{ background-color: rgb(214,  
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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