

Converting Colors

XYZ(66.3908, 73.7111, 78.2527)

Have a look what the booklet for
XYZ(66.3908, 73.7111, 78.2527)
contains.

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Color

**XYZ(66.3998, 73.5154,
78.4004)**

Conversions

Conversions Part 1

Format	Color
Hex	D0E3DC
RGB	208, 227, 220
RGB Percent	82%, 89%, 86%
CMY	0.1843, 0.1098, 0.1372
CMYK	0.08, 0.00, 0.03, 0.11
HSL	158°, 25%, 85%
HSV	158°, 8%, 89%
XYZ	66.3998, 73.5154, 78.4004
YIQ	220.5210, -9.0770, -6.2050

Conversions

Conversions Part 2

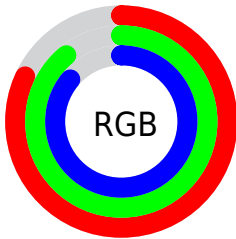
Format	Color
R _Y B	208, 220, 227
Decimal	13689820
CIE Lab	88.69, -7.61, 1.25
CIE LCh	89, 7.708, 170.702
Yxy	73.5154, 0.3041, 0.3367
Android (android.graphics.Color)	4291879900 (0xFFD0E3DC)
YUV	220.5210, -0.2569, -10.9809
Hunter-Lab	85.7411, -11.8127, 5.8049

Details

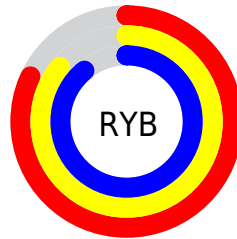
The XYZ color **66.3998, 73.5154, 78.4004** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.5029, 66.3509, 73.5954**, and the grayscale version is **68.3996, 71.9617, 78.3663**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.8705, 39.0917, 41.3049** is the 20% darker color. If you saturate the color by 10%, you get **59.3886, 70.0279, 72.4332**, and if you desaturate by 10%, it is **74.3841, 77.5023, 84.7056**.

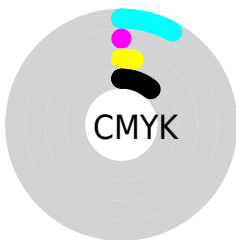
Distribution



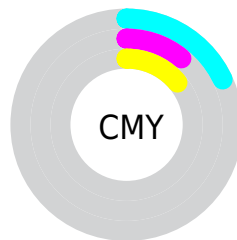
- Red (82%)
- Green (89%)
- Blue (86%)



- Red (82%)
- Yellow (86%)
- Blue (89%)



- Cyan (8%)
- Magenta (0%)
- Yellow (3%)
- Black (11%)



- Cyan (18%)
- Magenta (11%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.3998, 73.5154, 78.4004 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 66.3998, 73.5154, 78.4004 by changing the saturation by 10% instead.

66.3998, 73.5154,
78.4004

66.3998, 73.5154,
78.4004

437.2715,
472.7992, 509.0895

48.8659, 54.3975,
57.8846

113.1145,
124.2086, 132.9054

34.7272, 38.9195,
41.3018

143.0261,
156.5527, 167.7316

23.6184, 26.6971,
28.2335

177.7942,
194.0743, 208.1651

15.1740, 17.3459,
18.2612

217.7843,
237.1579, 254.6243

9.0287, 10.4814,
10.9663

263.3618,
286.1878, 307.5278

4.8172, 5.7193,
5.9303

314.8919,

2.1740, 2.6752,

341.5483, 367.2941

2.7346

372.7400,
403.6240, 434.3419

■ 0.7290, 0.9646,
0.9608

■ 0.0000, 0.0000,
0.0000

■ 66.3998, 73.5154,
78.4004

■ 66.3998, 73.5154,
78.4004

■ 59.3886, 70.0279,
72.4332

■ 74.3841, 77.5023,
84.7056

■ 53.3048, 67.0101,
66.7933

■ 83.3725, 81.9982,
91.3499

■ 48.1083, 64.4435,
61.4759

■ 85.2071, 82.7996,
97.9570

■ 43.7537, 62.3048,
56.4745

■ 86.5144, 83.3225,
104.8410

■ 40.1911, 60.5684,
51.7824

■ 86.7605, 83.4210,
106.1368

■ 37.3653, 59.2059,
47.3924

■ 35.2137, 58.1851,
43.2967

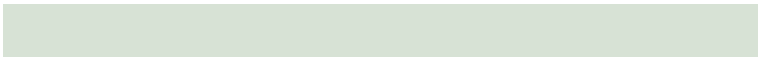
■ 33.6626, 57.4682,
39.4871

■ 32.6051, 57.0002,
35.9536

Harmonies

Analogous

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



67.1397, 73.5154, 73.7250



66.3998, 73.5154, 78.4004



66.5780, 73.5154, 83.7260

Triad

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



66.3998, 73.5154, 78.4004



71.1477, 73.5154, 90.0266



72.1666, 73.5154, 72.3693

Complementary

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



66.3998, 73.5154, 78.4004



66.5029, 66.3509, 73.5954

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.



73.2774, 73.5154, 76.4750



66.3998, 73.5154, 78.4004



72.6819, 73.5154, 86.7178

Square

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



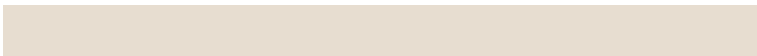
66.3998, 73.5154, 78.4004



69.2973, 73.5154, 90.5983



73.4677, 73.5154, 81.7140



70.4543, 73.5154, 70.3463

Rectangle

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



66.3998, 73.5154, 78.4004



67.1947, 73.5154, 86.9212



73.4677, 73.5154, 81.7140



72.6240, 73.5154, 73.5429

Sweetspot

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



66.4019, 73.5185, 78.4020



91.8407, 98.3976, 106.3978



66.9644, 73.9856, 70.4269



19.4784, 20.9716, 22.6318



0.0000, 0.0000, 0.0000



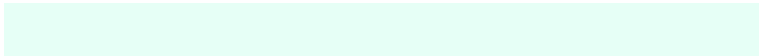
20.3446, 21.4041, 23.3091

Same Dimension

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



66.4019, 73.5185, 78.4020



84.8064, 94.8898, 100.7148



66.7467, 72.6924, 83.1899



14.5703, 16.2416, 17.2680



18.9847, 33.2260, 20.9517



1.4473, 2.4731, 1.7822

Inverse Universe

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



66.5029, 66.3509, 73.5954



84.9627, 83.8017, 93.2795



66.1662, 67.0872, 69.1374



14.5955, 14.4554, 16.0702



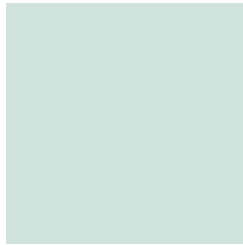
19.4521, 9.9150, 6.0095



1.4810, 0.7501, 0.6737

Previews

White Background



This preview shows how the XYZ color 66.3998, 73.5154, 78.4004 looks on a white background.

Color Contrast Check

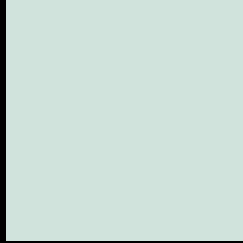
Large Text (above 18pt) WCAG AA × Fail

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 66.3998, 73.5154, 78.4004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

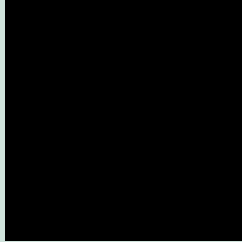
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

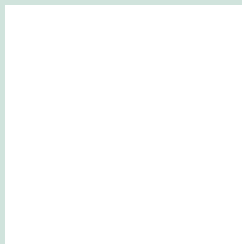
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.3998, 73.5154, 78.4004

Background



This preview shows how black text looks on a background with the XYZ color 66.3998, 73.5154, 78.4004.

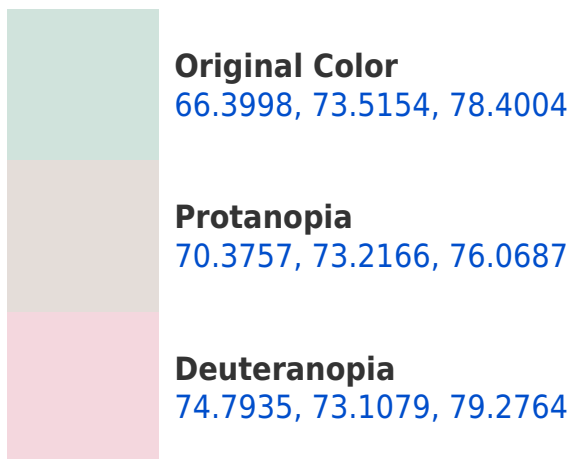


This preview shows how white text looks on a background with the XYZ color 66.3998, 73.5154,

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

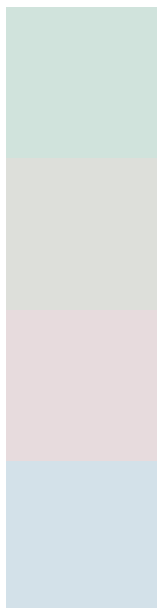




Tritanopia

69.6842, 73.6592, 93.7640

Trichromacy



Original Color

66.3998, 73.5154, 78.4004

Protanomaly

68.8614, 73.2095, 76.8311

Deuteranomaly

71.3377, 72.8724, 78.7125

Tritanomaly

68.4972, 73.5825, 87.6835

Monochromacy



Original Color

66.3998, 73.5154, 78.4004

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

67.7577, 72.5947, 78.8476

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.3998, 73.5154, 78.4004 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(208, 227, 220) looks like.

```
.text, #text, p{  
    color:rgb(208, 227, 220)  
}
```

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(208, 227, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 227, 220) }
```

Border

The CSS property to change the border of an element to XYZ 66.3998, 73.5154, 78.4004 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(208, 227, 220) }
```


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

```
.border{ border-color:rgb(208, 227, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 227, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 227, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 227, 220);  
box-shadow:4px 4px 4px 4px rgb(208, 227,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 66.3998, 73.5154, 78.4004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 227, 220) }
```

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

```
.background{ background-color: rgb(208,  
227, 220) }
```

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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