

Converting Colors

XYZ(64.5410, 71.8693, 72.7578)

Have a look what the booklet for
XYZ(64.5410, 71.8693, 72.7578)
contains.

XYZ(64.5410, 71.8693, 72.7578)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(64.5410, 71.8693,
72.7578)**

Conversions

Conversions Part 1

Format	Color
Hex	CFE1D4
RGB	207, 225, 212
RGB Percent	81%, 88%, 83%
CMY	0.1882, 0.1176, 0.1686
CMYK	0.08, 0.00, 0.06, 0.12
HSL	137°, 23%, 85%
HSV	137°, 8%, 88%
XYZ	64.5410, 71.8693, 72.7578
YIQ	218.1360, -6.5550, -7.8590

Conversions

Conversions Part 2

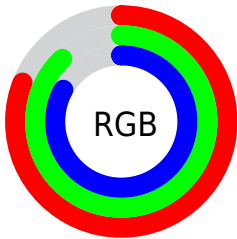
Format	Color
R_{YB}	207, 221, 225
Decimal	13623764
CIE _{Lab}	87.91, -8.39, 4.30
CIE _{LCh}	88, 9.428, 152.893
Yxy	71.8693, 0.3086, 0.3436
Android (android.graphics.Color)	4291813844 (0xFFCFE1D4)
YUV	218.1360, -3.0250, -9.7663
Hunter-Lab	84.7758, -12.4630, 8.4581

Details

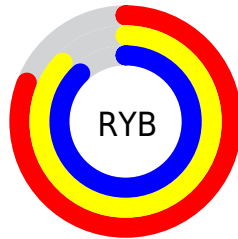
The XYZ color **64.5410, 71.8693, 72.7578** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.2851, 65.8023, 76.9212**, and the grayscale version is **66.7595, 70.2362, 76.4872**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.5974, 37.9561, 37.4538** is the 20% darker color. If you saturate the color by 10%, you get **56.7494, 68.0797, 62.2252**, and if you desaturate by 10%, it is **73.4389, 76.2094, 84.4224**.

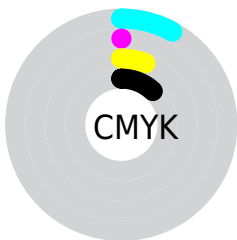
Distribution



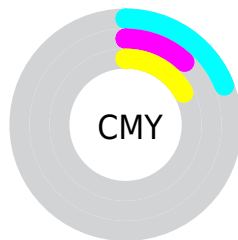
- Red (81%)
- Green (88%)
- Blue (83%)



- Red (81%)
- Yellow (87%)
- Blue (88%)



- Cyan (8%)
- Magenta (0%)
- Yellow (6%)
- Black (12%)



- Cyan (19%)
- Magenta (12%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.5410, 71.8693, 72.7578 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 64.5410, 71.8693, 72.7578 by changing the saturation by 10% instead.

■ 64.5410, 71.8693,
72.7578

■ 64.5410, 71.8693,
72.7578

430.7120,
467.0866, 489.2232

■ 47.3523, 53.0519,
53.2873

110.4591,
121.8707, 124.8510

■ 33.5234, 37.8442,
37.6429

139.9192,
153.8235, 158.3109

■ 22.6888, 25.8618,
25.4060

174.2005,
190.9235, 197.2709

■ 14.4833, 16.7203,
16.1580

213.6683,
233.5553, 242.1497

■ 8.5415, 10.0353,
9.4805

258.6880,
282.1030, 293.3658

■ 4.4981, 5.4223,
4.9548

309.6249,

■ 1.9876, 2.4971,

336.9512, 351.3377

2.1625

366.8445,
398.4843, 416.4840

■ 0.6270, 0.8752,
0.6526

■ 0.0000, 0.0000,
0.0000

■ 64.5410, 71.8693,
72.7578

■ 64.5410, 71.8693,
72.7578

■ 56.7494, 68.0797,
62.2252

■ 73.4389, 76.2094,
84.4224

■ 50.0142, 64.8095,
52.7861

■ 83.4783, 81.1115,
97.2465

■ 44.2908, 62.0385,
44.4068

■ 86.2166, 82.3332,
105.9555

■ 39.5288, 59.7415,
37.0498

■ 35.6734, 57.8911,
30.6758

■ 32.6644, 56.4570,
25.2427

■ 30.4334, 55.4050,
20.7053

■ 28.9011, 54.6952,
17.0146

■ 27.9586, 54.2725,
14.1159

Harmonies

Analogous

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



65.9935, 71.8693, 68.3309



64.5410, 71.8693, 72.7578



64.0911, 71.8693, 78.8787

Triad

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



64.5410, 71.8693, 72.7578



68.5276, 71.8693, 91.2526



71.9964, 71.8693, 71.7338

Complementary

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



64.5410, 71.8693, 72.7578



66.2851, 65.8023, 76.9212

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.



72.7093, 71.8693, 77.6315



64.5410, 71.8693, 72.7578



70.6793, 71.8693, 89.0929

Square

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



64.5410, 71.8693, 72.7578



66.3627, 71.8693, 89.7745



72.2221, 71.8693, 84.0191



70.2942, 71.8693, 67.7628

Rectangle

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



64.5410, 71.8693, 72.7578



64.4120, 71.8693, 83.1587



72.2221, 71.8693, 84.0191



72.3614, 71.8693, 73.5450

Sweetspot

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



64.5430, 71.8724, 72.7594



92.6110, 98.8105, 105.7197



67.7663, 73.6058, 69.6681



19.8481, 21.1620, 22.6618



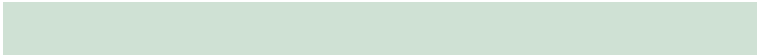
0.0000, 0.0000, 0.0000



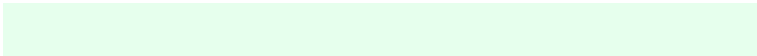
20.3446, 21.4041, 23.3091

Same Dimension

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



64.5430, 71.8724, 72.7594



83.4579, 94.3504, 93.6137



65.6842, 72.3288, 78.7689



13.6844, 15.3995, 15.3735



16.0671, 31.2517, 8.0763



1.1511, 2.1811, 0.7567

Inverse Universe

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



66.2851, 65.8023, 76.9212



86.3284, 84.3479, 100.4710



65.1494, 65.3480, 70.9408



14.1241, 13.8673, 16.4239



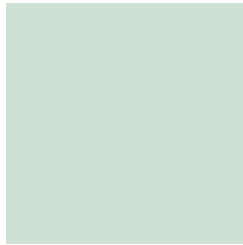
21.7294, 10.7588, 21.0387



1.5435, 0.7607, 1.6551

Previews

White Background



This preview shows how the XYZ color 64.5410, 71.8693, 72.7578 looks on a white background.

Color Contrast Check

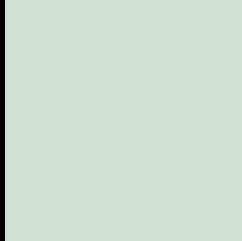
Large Text (above 18pt) WCAG AA × Fail

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 64.5410, 71.8693, 72.7578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

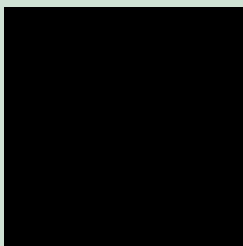
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

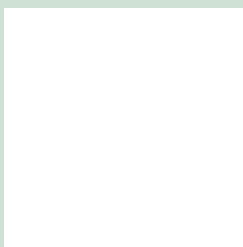
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.5410, 71.8693, 72.7578

Background



This preview shows how black text looks on a background with the XYZ color 64.5410, 71.8693, 72.7578.



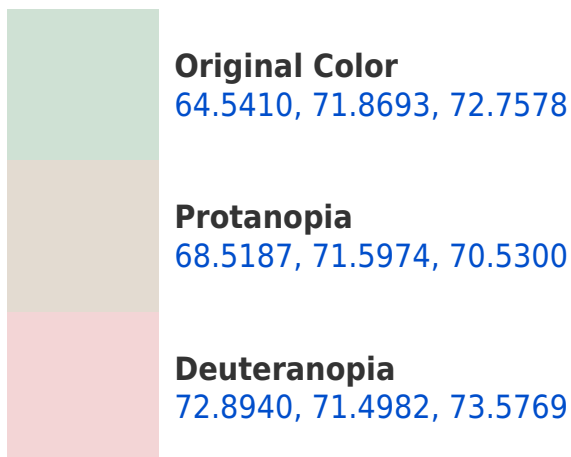
This preview shows how white text looks on a background with the XYZ color 64.5410, 71.8693,

72.7578.

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

68.3004, 71.7938, 91.9191

Trichromacy



Original Color

64.5410, 71.8693, 72.7578

Protanomaly

67.0045, 71.5817, 71.2579

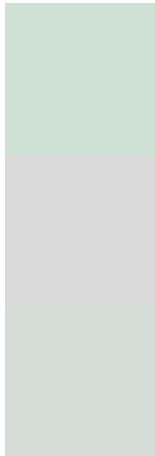
Deuteranomaly

69.4562, 71.2528, 73.0432

Tritanomaly

66.8425, 71.6013, 84.4262

Monochromacy



Original Color

64.5410, 71.8693, 72.7578

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

65.9827, 70.9669, 75.1861

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.5410, 71.8693, 72.7578 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(207, 225, 212)` looks like.

```
.text, #text, p{  
    color:rgb(207, 225, 212)  
}
```

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(207, 225, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 225, 212) }
```

Border

The CSS property to change the border of an element to XYZ 64.5410, 71.8693, 72.7578 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(207, 225, 212) }
```


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

```
.border{ border-color:rgb(207, 225, 212) }
```

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

Here you see how a box with a 4 pixel rgb(207, 225, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 225, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 225, 212);  
box-shadow:4px 4px 4px 4px rgb(207, 225,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 64.5410, 71.8693, 72.7578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 225, 212) }
```

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

```
.background{ background-color: rgb(207,  
225, 212) }
```

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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