

Converting Colors

XYZ(58.0801, 65.0473, 71.2690)

Have a look what the booklet for
XYZ(58.0801, 65.0473, 71.2690)
contains.

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Color

**XYZ(58.0520, 65.0213,
71.1187)**

Conversions

Conversions Part 1

Format	Color
Hex	C0D8D3
RGB	192, 216, 211
RGB Percent	75%, 85%, 83%
CMY	0.2471, 0.1529, 0.1725
CMYK	0.11, 0.00, 0.02, 0.15
HSL	167°, 24%, 80%
HSV	167°, 11%, 85%
XYZ	58.0520, 65.0213, 71.1187
YIQ	208.2540, -12.6990, -6.6430

Conversions

Conversions Part 2

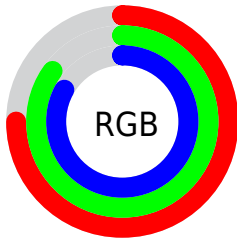
Format	Color
RYB	192, 205, 216
Decimal	12638419
CIELab	84.49, -8.94, -0.26
CIELCh	84, 8.946, 181.678
Yxy	65.0213, 0.2989, 0.3348
Android (android.graphics.Color)	4290828499 (0xFFC0D8D3)
YUV	208.2540, 1.3538, -14.2548
Hunter-Lab	80.6358, -12.6054, 4.1528

Details

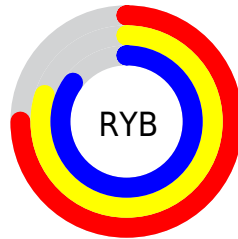
The XYZ color **58.0520, 65.0213, 71.1187** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.2490, 56.3313, 60.6821**, and the grayscale version is **60.1179, 63.2487, 68.8778**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **29.3119, 33.3273, 36.7862** is the 20% darker color. If you saturate the color by 10%, you get **52.4229, 62.1855, 67.9510**, and if you desaturate by 10%, it is **64.5033, 68.2827, 74.4102**.

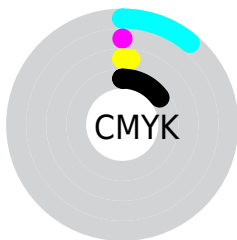
Distribution



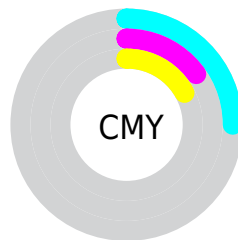
- Red (75%)
- Green (85%)
- Blue (83%)



- Red (75%)
- Yellow (80%)
- Blue (85%)



- Cyan (11%)
- Magenta (0%)
- Yellow (2%)
- Black (15%)



- Cyan (25%)
- Magenta (15%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0520, 65.0213, 71.1187 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 58.0520, 65.0213, 71.1187 by changing the saturation by 10% instead.

■ 58.0520, 65.0213,
71.1187

■ 58.0520, 65.0213,
71.1187

407.3304,
442.8685, 483.3631

■ 42.0939, 47.4784,
51.9566

■ 101.1211,
112.0805, 122.4988

■ 29.3662, 33.4140,
36.5885

128.9628,
142.3655, 155.5538

■ 19.5037, 22.4438,
24.5958

161.4964,
177.6667, 194.0770

■ 12.1410, 14.1833,
15.5599

199.0873,
218.3684, 238.4868

■ 6.9126, 8.2483,
9.0623

242.1007,
264.8550, 289.2018

■ 3.4534, 4.2542,
4.6845

290.9022,

■ 1.3978, 1.8168,

317.5110, 346.6405

2.0079

345.8570,
376.7207, 411.2214

■ 0.2547, 0.4976,
0.5601

■ 0.0000, 0.0000,
0.0000

■ 58.0520, 65.0213,
71.1187

■ 58.0520, 65.0213,
71.1187

■ 52.4229, 62.1855,
67.9510

■ 64.5033, 68.2827,
74.4102

■ 47.5755, 59.7491,
64.9003

■ 71.8041, 71.9784,
77.8232

■ 43.4742, 57.6954,
61.9658

■ 79.3207, 75.7835,
81.3302

■ 40.0782, 56.0037,
59.1449

■ 79.9414, 76.0318,
84.5990

■ 37.3432, 54.6509,
56.4347

■ 80.5785, 76.2866,
87.9537

■ 35.2192, 53.6113,
53.8322

■ 81.2320, 76.5480,
91.3949

■ 33.6493, 52.8557,
51.3341

■ 81.9020, 76.8161,
94.9232

■ 32.5656, 52.3490,
48.9364

■ 82.5887, 77.0907,
98.5393

■ 31.9059, 52.0536,
46.8843

■ 83.2922, 77.3721,
102.2438

Harmonies

Analogous

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



58.4911, 65.0213, 65.7211



58.0520, 65.0213, 71.1187



58.5993, 65.0213, 76.7132

Triad

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



58.0520, 65.0213, 71.1187



63.8334, 65.0213, 80.5451



63.6352, 65.0213, 61.5762

Complementary

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



58.0520, 65.0213, 71.1187



57.2490, 56.3313, 60.6821

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.



65.1168, 65.0213, 65.1933



58.0520, 65.0213, 71.1187



65.2330, 65.0213, 76.1280

Square

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



58.0520, 65.0213, 71.1187



61.9130, 65.0213, 82.3335



65.7076, 65.0213, 70.4766



61.6888, 65.0213, 60.3921

Rectangle

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



58.0520, 65.0213, 71.1187



59.4568, 65.0213, 79.7533



65.7076, 65.0213, 70.4766



64.2056, 65.0213, 62.5379

Sweetspot

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



58.0538, 65.0240, 71.1201



92.0356, 98.4756, 107.4244



57.1507, 64.8176, 59.3693



19.5311, 20.9927, 22.9094



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.



58.0538, 65.0240, 71.1201



82.7956, 93.8088, 102.6235



56.9845, 61.8659, 73.9067



12.6761, 14.0615, 15.3750



18.9246, 30.8252, 27.9622



1.1699, 1.8706, 1.8366

Inverse Universe

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



57.2490, 56.3313, 60.6821



81.4308, 79.0666, 84.9225



58.2130, 59.1616, 58.2216



12.5281, 12.4627, 13.4552



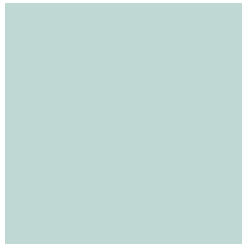
17.0745, 8.7661, 2.4302



1.0605, 0.5410, 0.3080

Previews

White Background



This preview shows how the XYZ color 58.0520, 65.0213, 71.1187 looks on a white background.

Color Contrast Check

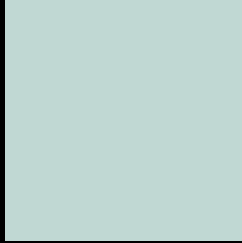
Large Text (above 18pt) WCAG AA × Fail

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 58.0520, 65.0213, 71.1187 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

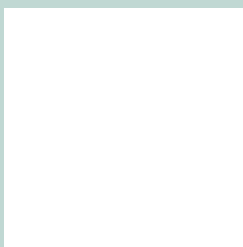
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.0520, 65.0213, 71.1187

Background



This preview shows how black text looks on a background with the XYZ color 58.0520, 65.0213, 71.1187.

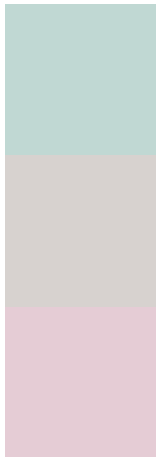


This preview shows how white text looks on a background with the XYZ color 58.0520, 65.0213,

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

58.0520, 65.0213, 71.1187

Protanopia

62.3334, 65.0453, 68.3012

Deuteranopia

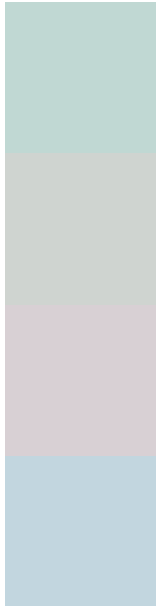
65.9162, 64.6478, 71.9549



Tritanopia

60.5829, 64.9038, 84.1975

Trichromacy



Original Color

58.0520, 65.0213, 71.1187

Protanomaly

60.6608, 64.9064, 69.0055

Deuteranomaly

62.7584, 64.4641, 71.4225

Tritanomaly

59.6140, 64.8902, 79.1951

Monochromacy



Original Color

58.0520, 65.0213, 71.1187

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.1600, 63.7485, 69.5082

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0520, 65.0213, 71.1187 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(192, 216, 211)` looks like.

```
.text, #text, p{  
    color:rgb(192, 216, 211)  
}
```

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(192, 216, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 216, 211) }
```

Border

The CSS property to change the border of an element to XYZ 58.0520, 65.0213, 71.1187 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(192, 216, 211) }
```


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

```
.border{ border-color:rgb(192, 216, 211) }
```

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

Here you see how a box with a 4 pixel rgb(192, 216, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 216, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 216, 211);  
box-shadow:4px 4px 4px 4px rgb(192, 216,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0520, 65.0213, 71.1187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 216, 211) }
```

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

```
.background{ background-color: rgb(192,  
216, 211) }
```

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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