

Converting Colors

XYZ(58.0757, 66.1850, 71.3421)

Have a look what the booklet for
XYZ(58.0757, 66.1850, 71.3421)
contains.

XYZ(58.0757, 66.1850, 71.3421)	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(58.0757, 66.1850,
71.3421)**

Conversions

Conversions Part 1

Format	Color
Hex	BDDBD3
RGB	189, 219, 211
RGB Percent	74%, 86%, 83%
CMY	0.2588, 0.1412, 0.1725
CMYK	0.14, 0.00, 0.04, 0.14
HSL	164°, 29%, 80%
HSV	164°, 14%, 86%
XYZ	58.0757, 66.1850, 71.3421
YIQ	209.1180, -15.3120, -8.8480

Conversions

Conversions Part 2

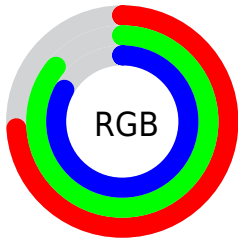
Format	Color
R _{YB}	189, 206, 219
Decimal	12442579
CIE Lab	85.09, -11.45, 0.58
CIE LCh	85, 11.468, 177.080
Yxy	66.1850, 0.2969, 0.3384
Android (android.graphics.Color)	4290632659 (0xFFBDDBD3)
YUV	209.1180, 0.9278, -17.6435
Hunter-Lab	81.3542, -14.9453, 4.9546

Details

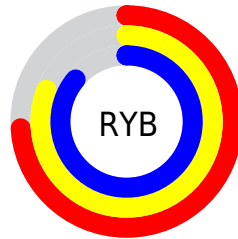
The XYZ color **58.0757, 66.1850, 71.3421** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.4915, 55.4883, 60.5066**, and the grayscale version is **60.6842, 63.8445, 69.5266**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **29.3529, 34.1361, 36.9402** is the 20% darker color. If you saturate the color by 10%, you get **52.3293, 63.3075, 67.3203**, and if you desaturate by 10%, it is **64.6728, 69.5016, 75.5454**.

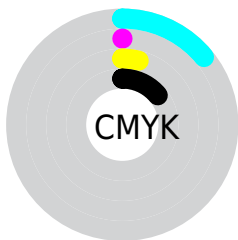
Distribution



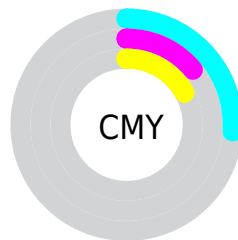
- Red (74%)
- Green (86%)
- Blue (83%)



- Red (74%)
- Yellow (81%)
- Blue (86%)



- Cyan (14%)
- Magenta (0%)
- Yellow (4%)
- Black (14%)



- Cyan (26%)
- Magenta (14%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0757, 66.1850, 71.3421 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 58.0757, 66.1850, 71.3421 by changing the saturation by 10% instead.

■ 58.0757, 66.1850,
71.3421

■ 58.0757, 66.1850,
71.3421

407.4173,
447.0382, 484.1643

■ 42.1130, 48.4226,
52.1379

■ 101.1554,
113.7518, 122.8197

■ 29.3813, 34.1617,
36.7320

129.0032,
144.3250, 155.9302

■ 19.5152, 23.0178,
24.7059

161.5433,
179.9373, 194.5131

■ 12.1493, 14.6067,
15.6410

199.1412,
220.9730, 238.9871

■ 6.9184, 8.5438,
9.1189

242.1621,
267.8165, 289.7707

■ 3.4570, 4.4448,
4.7210

290.9716,

■ 1.3998, 1.9254,

320.8523, 347.2824

2.0286

345.9348,
380.4648, 411.9407

■ 0.2561, 0.5636,
0.5728

■ 0.0000, 0.0000,
0.0000

■ 58.0757, 66.1850,
71.3421

■ 58.0757, 66.1850,
71.3421

■ 52.3293, 63.3075,
67.3203

■ 64.6728, 69.5016,
75.5454

■ 47.3910, 60.8418,
63.4724


■ 72.1496, 73.2667,
79.9290


■ 43.2230, 58.7702,
59.7967


■ 80.5406, 77.5000,
84.4971


■ 39.7822, 57.0704,
56.2894


■ 81.4771, 77.8872,
88.8595


 37.0210, 55.7181,
52.9470

 82.3323, 78.2293,
93.3628


 34.8860, 54.6857,
49.7653


 83.2154, 78.5825,
98.0132

 33.3158, 53.9415,
46.7400

 84.1267, 78.9471,
102.8122

 32.2357, 53.4472,
43.8658

 84.6227, 79.1455,
105.4242

 31.7293, 53.2241,
42.1282

Harmonies

Analogous

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



58.8290, 66.1850, 64.6068



58.0757, 66.1850, 71.3421



58.5874, 66.1850, 78.7357

Triad

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



58.0757, 66.1850, 71.3421



65.1952, 66.1850, 85.4859



65.6449, 66.1850, 60.7709

Complementary

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



58.0757, 66.1850, 71.3421



57.4915, 55.4883, 60.5066

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.



67.4336, 66.1850, 65.7806



58.0757, 66.1850, 71.3421



67.1690, 66.1850, 80.0745

Square

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



58.0757, 66.1850, 71.3421



62.6542, 66.1850, 87.2244



67.9988, 66.1850, 72.7912



63.1602, 66.1850, 58.7711

Rectangle

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



58.0757, 66.1850, 71.3421



59.5848, 66.1850, 82.9910



67.9988, 66.1850, 72.7912



66.3501, 66.1850, 62.1412

Sweetspot

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



58.0776, 66.1878, 71.3436



90.9614, 97.9425, 106.4382



57.6761, 66.2780, 57.8984



19.3098, 20.8834, 22.6841



0.0000, 0.0000, 0.0000



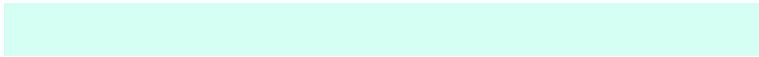
20.3446, 21.4041, 23.3091

Same Dimension

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



58.0776, 66.1878, 71.3436



79.8968, 92.3850, 99.3020



57.4433, 63.2732, 76.2064



13.2889, 14.7672, 15.9842



18.8607, 31.5769, 25.2296



1.2569, 2.0597, 1.8188

Inverse Universe

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



57.4915, 55.4883, 60.5066



78.9392, 74.8952, 81.5894



58.0283, 57.9908, 56.2802



13.1980, 13.1083, 14.3037



17.8203, 9.1292, 3.4339



1.1901, 0.6057, 0.4099

Previews

White Background



This preview shows how the XYZ color 58.0757, 66.1850, 71.3421 looks on a white background.

Color Contrast Check

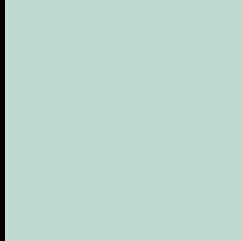
Large Text (above 18pt) WCAG AA × Fail

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 58.0757, 66.1850, 71.3421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

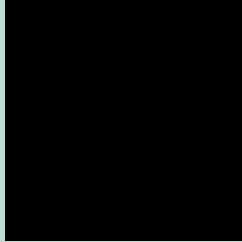
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

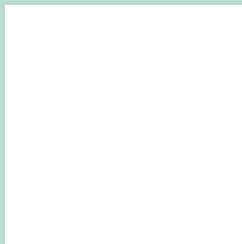
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.0757, 66.1850, 71.3421

Background



This preview shows how black text looks on a background with the XYZ color 58.0757, 66.1850, 71.3421.

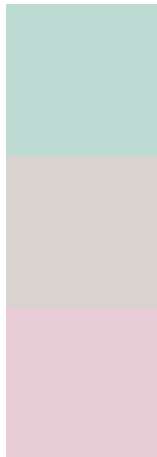


This preview shows how white text looks on a background with the XYZ color 58.0757, 66.1850,

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

58.0757, 66.1850, 71.3421

Protanopia

63.1720, 65.8452, 68.4114

Deuteranopia

67.2476, 65.6735, 72.7502



Tritanopia

61.2562, 66.3324, 86.6657

Trichromacy



Original Color

58.0757, 66.1850, 71.3421

Protanomaly

61.1639, 65.9126, 69.1732

Deuteranomaly

63.3757, 65.4962, 72.2526

Tritanomaly

60.1417, 66.2684, 80.8554

Monochromacy



Original Color

58.0757, 66.1850, 71.3421

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.7842, 64.7982, 70.3291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0757, 66.1850, 71.3421 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(189, 219, 211)` looks like.

```
.text, #text, p{  
    color:rgb(189, 219, 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(189, 219, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 219, 211) }
```

Border

The CSS property to change the border of an element to XYZ 58.0757, 66.1850, 71.3421 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(189, 219, 211) }
```


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

```
.border{ border-color:rgb(189, 219, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 219, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 219, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 219, 211); box-shadow:4px 4px 4px 4px rgb(189, 219, 211) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0757, 66.1850, 71.3421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 219, 211) }
```

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

```
.background{ background-color: rgb(189,  
219, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor