

Converting Colors

XYZ(58.4595, 65.4026, 73.2951)

Have a look what the booklet for
XYZ(58.4595, 65.4026, 73.2951)
contains.

XYZ(58.4363, 65.5571, 73.1922)	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(58.4363, 65.5571,
73.1922)**

Conversions

Conversions Part 1

Format	Color
Hex	BFD9D6
RGB	191, 217, 214
RGB Percent	75%, 85%, 84%
CMY	0.2510, 0.1490, 0.1608
CMYK	0.12, 0.00, 0.01, 0.15
HSL	173°, 25%, 80%
HSV	173°, 12%, 85%
XYZ	58.4363, 65.5571, 73.1922
YIQ	208.8840, -14.5330, -6.4450

Conversions

Conversions Part 2

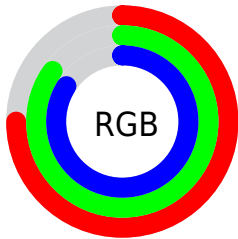
Format	Color
RYB	191, 205, 217
Decimal	12573142
CIELab	84.77, -9.19, -1.46
CIELCh	85, 9.309, 189.008
Yxy	65.5571, 0.2964, 0.3325
Android (android.graphics.Color)	4290763222 (0xFFBFD9D6)
YUV	208.8840, 2.5222, -15.6843
Hunter-Lab	80.9673, -12.8646, 3.0806

Details

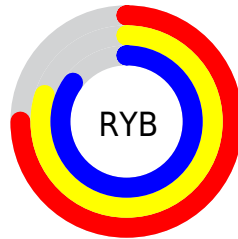
The XYZ color **58.4363, 65.5571, 73.1922** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.9860, 55.9101, 58.8301**, and the grayscale version is **60.5211, 63.6729, 69.3398**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **29.4949, 33.6622, 37.7438** is the 20% darker color. If you saturate the color by 10%, you get **53.0611, 62.8245, 71.2838**, and if you desaturate by 10%, it is **64.6288, 68.7140, 75.1673**.

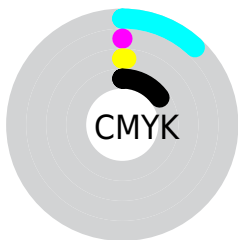
Distribution



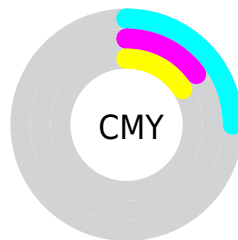
- Red (75%)
- Green (85%)
- Blue (84%)



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



- Cyan (12%)
- Magenta (0%)
- Yellow (1%)
- Black (15%)



- Cyan (25%)
- Magenta (15%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.4363, 65.5571, 73.1922 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 58.4363, 65.5571, 73.1922 by changing the saturation by 10% instead.

■ 58.4363, 65.5571,
73.1922

■ 58.4363, 65.5571,
73.1922

408.7374,
444.7912, 490.7693

■ 42.4041, 47.9130,
53.6404

■ 101.6773,
112.8504, 125.4735

■ 29.6104, 33.7580,
37.9230

129.6168,
143.2684, 159.0400

■ 19.6896, 22.7077,
25.6216

162.2561,
178.7131, 198.1151

■ 12.2766, 14.3778,
16.3175

199.9606,
219.5689, 243.1174

■ 7.0059, 8.3839,
9.5923

243.0956,
266.2202, 294.4655

■ 3.5121, 4.3416,
5.0275

292.0265,

■ 1.4300, 1.8664,

319.0515, 352.5778

2.2044

347.1187,
378.4470, 417.8729

■ 0.2775, 0.5281,
0.6769

■ 0.0000, 0.0000,
0.0000

■ 58.4363, 65.5571,
73.1922

■ 58.4363, 65.5571,
73.1922

■ 53.0611, 62.8245,
71.2838

■ 64.6288, 68.7140,
75.1673

■ 48.4620, 60.4898,
69.4360


■ 71.6662, 72.3040,
77.2064


■ 44.6029, 58.5359,
67.6483


■ 79.1747, 76.1364,
79.2934


■ 41.4425, 56.9417,
65.9186


■ 79.5122, 76.2714,
81.0710


 38.9354, 55.6837,
64.2448


 79.8548, 76.4084,
82.8749


 37.0308, 54.7357,
62.6243


 80.2024, 76.5474,
84.7053


 35.6705, 54.0678,
61.0543

 80.5550, 76.6885,
86.5624

 34.7846, 53.6439,
59.5314

 80.9127, 76.8316,
88.4461

 34.3221, 53.4313,
58.3399

 81.2756, 76.9767,
90.3567

Harmonies

Analogous

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



58.6440, 65.5571, 67.3486



58.4363, 65.5571, 73.1922



59.2485, 65.5571, 78.8489

Triad

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



58.4363, 65.5571, 73.1922



64.8660, 65.5571, 80.6727



63.7563, 65.5571, 61.1951

Complementary

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



58.4363, 65.5571, 73.1922



56.9860, 55.9101, 58.8301

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.



65.4753, 65.5571, 64.3993



58.4363, 65.5571, 73.1922



66.1259, 65.5571, 75.5702

Square

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



58.4363, 65.5571, 73.1922



62.9395, 65.5571, 83.3232



66.3513, 65.5571, 69.5990



61.6849, 65.5571, 60.6373

Rectangle

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



58.4363, 65.5571, 73.1922



60.2698, 65.5571, 81.6751



66.3513, 65.5571, 69.5990



64.3958, 65.5571, 61.9895

Sweetspot

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



58.4382, 65.5598, 73.1937



91.2073, 98.0409, 107.7332



56.4755, 64.8638, 58.8347



19.3722, 20.9084, 23.0127



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.



58.4382, 65.5598, 73.1937



82.4569, 93.5839, 104.8826



56.3331, 60.7301, 74.4019



13.3767, 14.8023, 16.4467



20.8011, 32.3531, 35.4474



1.3664, 2.1035, 2.3953

Inverse Universe

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



56.9860, 55.9101, 58.8301



80.0263, 77.4303, 80.8392



58.9004, 60.2732, 57.8208



13.1169, 13.0759, 13.8768



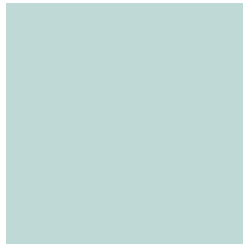
17.4487, 8.9805, 1.4768



1.1513, 0.5901, 0.2055

Previews

White Background



This preview shows how the XYZ color 58.4363, 65.5571, 73.1922 looks on a white background.

Color Contrast Check

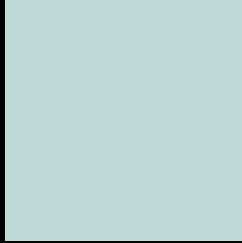
Large Text (above 18pt) WCAG AA × Fail

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 58.4363, 65.5571, 73.1922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

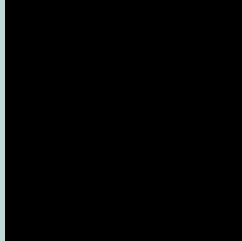
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

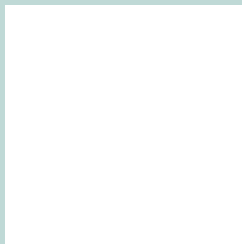
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.4363, 65.5571, 73.1922

Background



This preview shows how black text looks on a background with the XYZ color 58.4363, 65.5571, 73.1922.



This preview shows how white text looks on a background with the XYZ color 58.4363, 65.5571,

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

58.4363, 65.5571, 73.1922

Protanopia

62.7038, 65.1934, 70.2515

Deuteranopia

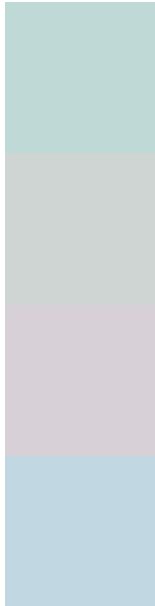
66.5391, 65.2785, 74.0588



Tritanopia

60.7185, 65.3320, 85.0114

Trichromacy



Original Color

58.4363, 65.5571, 73.1922

Protanomaly

61.0057, 65.4135, 71.0387

Deuteranomaly

63.0905, 64.9543, 73.5022

Tritanomaly

59.8834, 65.3746, 80.6965

Monochromacy



Original Color

58.4363, 65.5571, 73.1922

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.6585, 64.3467, 70.9038

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4363, 65.5571, 73.1922 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(191, 217, 214)` looks like.

```
.text, #text, p{  
    color:rgb(191, 217, 214)  
}
```

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(191, 217, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 217, 214) }
```

Border

The CSS property to change the border of an element to XYZ 58.4363, 65.5571, 73.1922 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(191, 217, 214) }
```


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

```
.border{ border-color:rgb(191, 217, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 217, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 217, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 217, 214);  
box-shadow:4px 4px 4px 4px rgb(191, 217,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4363, 65.5571, 73.1922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 217, 214) }
```

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

```
.background{ background-color: rgb(191,  
217, 214) }
```

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