

Converting Colors

XYZ(58.4822, 65.8648, 73.4600)

Have a look what the booklet for
XYZ(58.4822, 65.8648, 73.4600)
contains.

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Color

**XYZ(58.4442, 65.9450,
73.2666)**

Conversions

Conversions Part 1

Format	Color
Hex	BEDAD6
RGB	190, 218, 214
RGB Percent	75%, 85%, 84%
CMY	0.2549, 0.1451, 0.1608
CMYK	0.13, 0.00, 0.02, 0.15
HSL	171°, 27%, 80%
HSV	171°, 13%, 85%
XYZ	58.4442, 65.9450, 73.2666
YIQ	209.1720, -15.4040, -7.1800

Conversions

Conversions Part 2

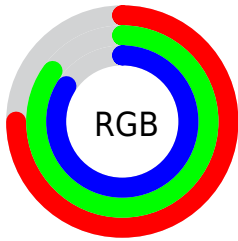
Format	Color
RYB	190, 205, 218
Decimal	12507862
CIELab	84.97, -10.03, -1.17
CIELCh	85, 10.099, 186.681
Yxy	65.9450, 0.2957, 0.3336
Android (android.graphics.Color)	4290697942 (0xFFBEDAD6)
YUV	209.1720, 2.3802, -16.8138
Hunter-Lab	81.2065, -13.6453, 3.3516

Details

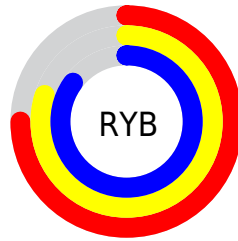
The XYZ color **58.4442, 65.9450, 73.2666** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.0669, 55.6291, 58.7717**, and the grayscale version is **60.7103, 63.8719, 69.5565**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **29.5085, 33.9318, 37.7951** is the 20% darker color. If you saturate the color by 10%, you get **53.0074, 63.1896, 70.9554**, and if you desaturate by 10%, it is **64.7068, 69.1288, 75.6590**.

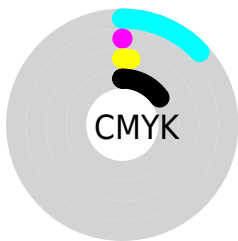
Distribution



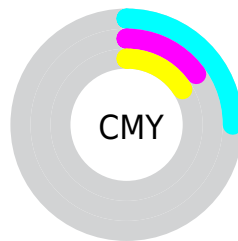
- Red (75%)
- Green (85%)
- Blue (84%)



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



- Cyan (13%)
- Magenta (0%)
- Yellow (2%)
- Black (15%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.4442, 65.9450, 73.2666 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 58.4442, 65.9450, 73.2666 by changing the saturation by 10% instead.

■ 58.4442, 65.9450,
73.2666

■ 58.4442, 65.9450,
73.2666

408.7663,
446.1802, 491.0338

■ 42.4105, 48.2278,
53.7008

■ 101.6887,
113.4074, 125.5800

■ 29.6154, 34.0073,
37.9710

129.6302,
143.9213, 159.1648

■ 19.6935, 22.8992,
25.6585

162.2717,
179.4696, 198.2596

■ 12.2794, 14.5191,
16.3449

199.9785,
220.4366, 243.2831

■ 7.0078, 8.4826,
9.6115

243.1160,
267.2068, 294.6537

■ 3.5133, 4.4053,
5.0399

292.0496,

■ 1.4307, 1.9027,

320.1645, 352.7900

2.2116

347.1446,
379.6942, 418.1105

■ 0.2779, 0.5500,
0.6810

■ 0.0000, 0.0000,
0.0000

■ 58.4442, 65.9450,
73.2666

■ 58.4442, 65.9450,
73.2666

■ 53.0074, 63.1896,
70.9554

■ 64.7068, 69.1288,
75.6590

■ 48.3548, 60.8357,
68.7191


■ 71.8234, 72.7503,
78.1299


■ 44.4493, 58.8662,
66.5571


■ 79.6793, 76.7519,
80.6756


■ 41.2489, 57.2593,
64.4671


■ 80.1044, 76.9220,
82.9139


 38.7073, 55.9911,
62.4469


 80.5372, 77.0951,
85.1933


 36.7726, 55.0350,
60.4937


 80.9779, 77.2714,
87.5138


 35.3850, 54.3600,
58.6046

 81.4264, 77.4508,
89.8757

 34.4723, 53.9290,
56.7758

 81.8829, 77.6333,
92.2793

 34.0250, 53.7262,
55.5003

 82.3472, 77.8191,
94.7246

Harmonies

Analogous

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



58.7566, 65.9450, 66.9691



58.4442, 65.9450, 73.2666



59.2442, 65.9450, 79.5293

Triad

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



58.4442, 65.9450, 73.2666



65.3215, 65.9450, 82.2979



64.4218, 65.9450, 60.9280

Complementary

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



58.4442, 65.9450, 73.2666



57.0669, 55.6291, 58.7717

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.



66.2435, 65.9450, 64.5939



58.4442, 65.9450, 73.2666



66.7716, 65.9450, 76.8639

Square

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



58.4442, 65.9450, 73.2666



63.1878, 65.9450, 84.9430



67.1130, 65.9450, 70.3588



62.1725, 65.9450, 60.0930

Rectangle

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



58.4442, 65.9450, 73.2666



60.3124, 65.9450, 82.7594



67.1130, 65.9450, 70.3588



65.1062, 65.9450, 61.8588

Sweetspot

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



58.4461, 65.9478, 73.2681



91.1625, 98.0230, 107.4972



56.6672, 65.3592, 58.3452



19.3608, 20.9038, 22.9528



0.0000, 0.0000, 0.0000



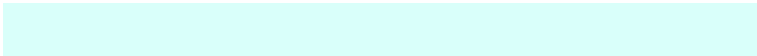
20.3446, 21.4041, 23.3091

Same Dimension

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



58.4461, 65.9478, 73.2681



81.4830, 93.1062, 103.7348



56.4968, 61.2207, 75.1720



13.3606, 14.7959, 16.3621



20.4142, 32.1983, 33.4102



1.3449, 2.0949, 2.2824

Inverse Universe

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



57.0669, 55.6291, 58.7717



79.2025, 76.0426, 79.7639



58.8180, 59.8412, 57.1667



13.1315, 13.0817, 13.9537



17.4954, 8.9992, 1.7227



1.1582, 0.5929, 0.2418

Previews

White Background



This preview shows how the XYZ color 58.4442, 65.9450, 73.2666 looks on a white background.

Color Contrast Check

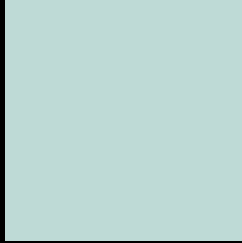
Large Text (above 18pt) WCAG AA × Fail

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 58.4442, 65.9450, 73.2666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

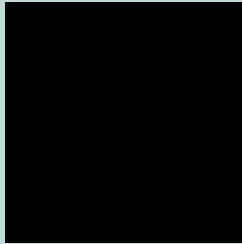
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

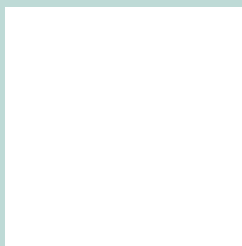
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.4442, 65.9450, 73.2666

Background



This preview shows how black text looks on a background with the XYZ color 58.4442, 65.9450, 73.2666.



This preview shows how white text looks on a background with the XYZ color 58.4442, 65.9450,

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

58.4442, 65.9450, 73.2666

Protanopia

63.2460, 65.8406, 70.3479

Deuteranopia

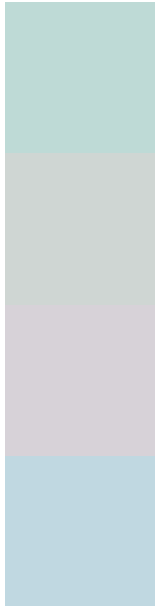
66.9888, 65.4954, 74.7568



Tritanopia

60.8582, 65.7645, 85.8302

Trichromacy



Original Color

58.4442, 65.9450, 73.2666

Protanomaly

61.5366, 66.0617, 71.1359

Deuteranomaly

63.4656, 65.4981, 74.2632

Tritanomaly

59.8847, 65.7544, 80.7698

Monochromacy



Original Color

58.4442, 65.9450, 73.2666

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 58.4442, 65.9450, 73.2666 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(190, 218, 214)` looks like.

```
.text, #text, p{  
    color:rgb(190, 218, 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(190, 218, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 218, 214) }
```

Border

The CSS property to change the border of an element to XYZ 58.4442, 65.9450, 73.2666 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(190, 218, 214) }
```


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

```
.border{ border-color:rgb(190, 218, 214) }
```

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

Here you see how a box with a 4 pixel rgb(190, 218, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 218, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 218, 214);  
box-shadow:4px 4px 4px 4px rgb(190, 218,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4442, 65.9450, 73.2666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 218, 214) }
```

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

```
.background{ background-color: rgb(190,  
218, 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](#).

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