

Converting Colors

XYZ(58.6009, 66.5626, 73.5631)

Have a look what the booklet for
XYZ(58.6009, 66.5626, 73.5631)
contains.

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Color

**XYZ(58.4554, 66.3369,
73.3417)**

Conversions

Conversions Part 1

Format	Color
Hex	BDDBD6
RGB	189, 219, 214
RGB Percent	74%, 86%, 84%
CMY	0.2588, 0.1412, 0.1608
CMYK	0.14, 0.00, 0.02, 0.14
HSL	170°, 29%, 80%
HSV	170°, 14%, 86%
XYZ	58.4554, 66.3369, 73.3417
YIQ	209.4600, -16.2750, -7.9150

Conversions

Conversions Part 2

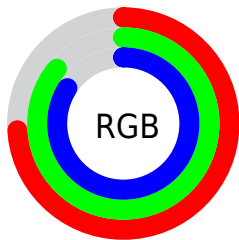
Format	Color
R _{YB}	189, 205, 219
Decimal	12442582
CIE Lab	85.17, -10.86, -0.89
CIE LCh	85, 10.900, 184.687
Yxy	66.3369, 0.2950, 0.3348
Android (android.graphics.Color)	4290632662 (0xFFBDDBD6)
YUV	209.4600, 2.2382, -17.9434
Hunter-Lab	81.4475, -14.4224, 3.6239

Details

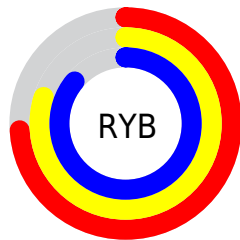
The XYZ color **58.4554, 66.3369, 73.3417** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.1510, 55.3521, 58.7138**, and the grayscale version is **60.8998, 64.0713, 69.7737**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **29.5251, 34.2050, 37.8470** is the 20% darker color. If you saturate the color by 10%, you get **52.9670, 63.5626, 70.6785**, and if you desaturate by 10%, it is **64.7784, 69.5438, 76.1014**.

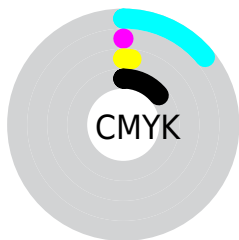
Distribution



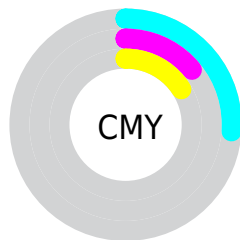
- Red (74%)
- Green (86%)
- Blue (84%)



- Red (74%)
- Yellow (80%)
- Blue (86%)



- Cyan (14%)
- Magenta (0%)
- Yellow (2%)
- Black (14%)



- Cyan (26%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.4554, 66.3369, 73.3417 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 58.4554, 66.3369, 73.3417 by changing the saturation by 10% instead.

■ 58.4554, 66.3369,
73.3417

■ 58.4554, 66.3369,
73.3417

408.8073,
447.5808, 491.3007

■ 42.4196, 48.5459,
53.7619

■ 101.7049,
113.9697, 125.6876

■ 29.6225, 34.2594,
38.0194

129.6492,
144.5804, 159.2907

■ 19.6989, 23.0930,
25.6958

162.2938,
180.2331, 198.4054

■ 12.2833, 14.6622,
16.3725

200.0039,
221.3122, 243.4502

■ 7.0105, 8.5826,
9.6309

243.1450,
268.2022, 294.8436

■ 3.5151, 4.4700,
5.0526

292.0823,

■ 1.4316, 1.9398,

321.2873, 353.0041

2.2189

347.1813,
380.9520, 418.3503

■ 0.2786, 0.5721,
0.6852

■ 0.0000, 0.0000,
0.0000

■ 58.4554, 66.3369,
73.3417

■ 58.4554, 66.3369,
73.3417

■ 52.9670, 63.5626,
70.6785

■ 64.7784, 69.5438,
76.1014

■ 48.2708, 61.1937,
68.1052


■ 71.9646, 73.1927,
78.9550


■ 44.3291, 59.2126,
65.6211


■ 80.0485, 77.3032,
81.9059


■ 41.0990, 57.5972,
63.2238


■ 80.6611, 77.5608,
84.5628

 38.5333, 56.3230,
60.9109


 81.1754, 77.7666,
87.2710


 36.5788, 55.3628,
58.6793


 81.7005, 77.9766,
90.0361

 35.1741, 54.6849,
56.5259

 82.2365, 78.1910,
92.8583

 34.2450, 54.2510,
54.4468

 82.7833, 78.4097,
95.7380

 33.8264, 54.0629,
53.1712

 83.3412, 78.6329,
98.6756

Harmonies

Analogous

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



58.8730, 66.3369, 66.5933



58.4554, 66.3369, 73.3417



59.2428, 66.3369, 80.2129

Triad

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



58.4554, 66.3369, 73.3417



65.7804, 66.3369, 83.9458



65.0945, 66.3369, 60.6674

Complementary

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



58.4554, 66.3369, 73.3417



57.1510, 55.3521, 58.7138

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.



67.0194, 66.3369, 64.7944



58.4554, 66.3369, 73.3417



67.4226, 66.3369, 78.1752

Square

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



58.4554, 66.3369, 73.3417



63.4384, 66.3369, 86.5831



67.8819, 66.3369, 71.1288



62.6657, 66.3369, 59.5571

Rectangle

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



58.4554, 66.3369, 73.3417



60.3575, 66.3369, 83.8520



67.8819, 66.3369, 71.1288



65.8239, 66.3369, 61.7341

Sweetspot

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



58.4573, 66.3397, 73.3432



91.1238, 98.0075, 107.2931



56.8956, 65.8756, 57.8618



19.3510, 20.8999, 22.9010



0.0000, 0.0000, 0.0000



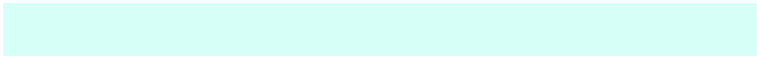
20.3446, 21.4041, 23.3091

Same Dimension

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



58.4573, 66.3397, 73.3432



80.5237, 92.6358, 102.6032



56.6978, 61.7823, 75.9580



13.3468, 14.7903, 16.2890



20.0916, 32.0692, 31.7112



1.3269, 2.0877, 2.1876

Inverse Universe

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



57.1510, 55.3521, 58.7138



78.3888, 74.6751, 78.6914



58.7096, 59.3534, 56.5073



13.1442, 13.0868, 14.0205



17.5429, 9.0182, 1.9730



1.1641, 0.5953, 0.2733

Previews

White Background



This preview shows how the XYZ color 58.4554, 66.3369, 73.3417 looks on a white background.

Color Contrast Check

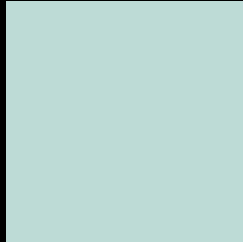
Large Text (above 18pt) WCAG AA × Fail

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 58.4554, 66.3369, 73.3417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

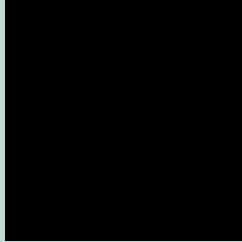
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

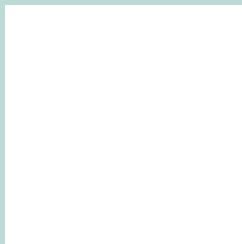
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.4554, 66.3369, 73.3417

Background



This preview shows how black text looks on a background with the XYZ color 58.4554, 66.3369, 73.3417.

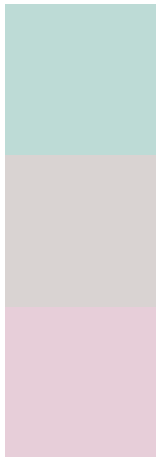


This preview shows how white text looks on a background with the XYZ color 58.4554, 66.3369,

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

58.4554, 66.3369, 73.3417

Protanopia

63.5424, 65.9934, 70.3617

Deuteranopia

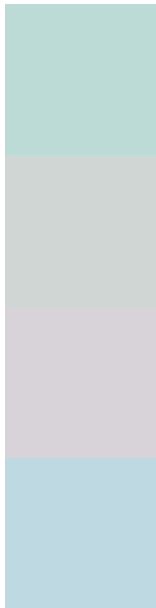
67.5507, 66.1413, 74.8519



Tritanopia

61.0021, 66.2014, 86.6538

Trichromacy



Original Color

58.4554, 66.3369, 73.3417

Protanomaly

61.5366, 66.0617, 71.1359

Deuteranomaly

64.0078, 66.1453, 74.3595

Tritanomaly

60.0262, 66.1931, 81.5643

Monochromacy



Original Color

58.4554, 66.3369, 73.3417

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.9092, 64.8482, 70.9874

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4554, 66.3369, 73.3417 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(189, 219, 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(189, 219, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 219, 214) }
```

Border

The CSS property to change the border of an element to XYZ 58.4554, 66.3369, 73.3417 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, 214) }
```


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

```
.border{ border-color:rgb(189, 219, 214) }
```

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, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 219, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 219, 214);  
box-shadow:4px 4px 4px 4px rgb(189, 219,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4554, 66.3369, 73.3417 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, 214) }
```

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

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