

Converting Colors

XYZ(58.6327, 66.5848, 71.5558)

Have a look what the booklet for
XYZ(58.6327, 66.5848, 71.5558)
contains.

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Color

**XYZ(58.5752, 66.4426,
71.3655)**

Conversions

Conversions Part 1

Format	Color
Hex	BFDBD3
RGB	191, 219, 211
RGB Percent	75%, 86%, 83%
CMY	0.2510, 0.1412, 0.1725
CMYK	0.13, 0.00, 0.04, 0.14
HSL	163°, 28%, 80%
HSV	163°, 13%, 86%
XYZ	58.5752, 66.4426, 71.3655
YIQ	209.7160, -14.1200, -8.4240

Conversions

Conversions Part 2

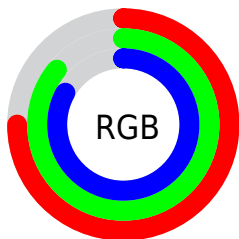
Format	Color
RYB	191, 207, 219
Decimal	12573651
CIELab	85.22, -10.80, 0.79
CIELCh	85, 10.834, 175.813
Yxy	66.4426, 0.2983, 0.3383
Android (android.graphics.Color)	4290763731 (0xFFBFDBD3)
YUV	209.7160, 0.6330, -16.4139
Hunter-Lab	81.5123, -14.3755, 5.1492

Details

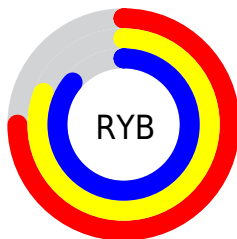
The XYZ color **58.5752, 66.4426, 71.3655** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.1554, 56.4468, 61.8659**, and the grayscale version is **61.0765, 64.2572, 69.9761**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **29.6778, 34.3036, 36.9554** is the 20% darker color. If you saturate the color by 10%, you get **52.7050, 63.5071, 67.0750**, and if you desaturate by 10%, it is **65.3033, 69.8204, 75.8584**.

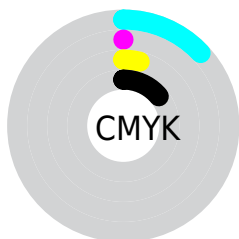
Distribution



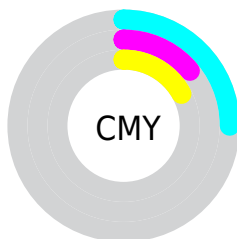
- Red (75%)
- Green (86%)
- Blue (83%)



- Red (75%)
- Yellow (81%)
- Blue (86%)



- Cyan (13%)
- Magenta (0%)
- Yellow (4%)
- Black (14%)



- Cyan (25%)
- Magenta (14%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5752, 66.4426, 71.3655 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 58.5752, 66.4426, 71.3655 by changing the saturation by 10% instead.

■ 58.5752, 66.4426,
71.3655

■ 58.5752, 66.4426,
71.3655

409.2453,
447.9581, 484.2482

■ 42.5163, 48.6318,
52.1569

■ 101.8782,
114.1213, 122.8533

■ 29.6987, 34.3275,
36.7470

129.8530,
144.7581, 155.9696

■ 19.7569, 23.1453,
24.7174

162.5304,
180.4389, 194.5588

■ 12.3257, 14.7008,
15.6496

200.2759,
221.5482, 239.0395

■ 7.0397, 8.6097,
9.1249

243.4548,
268.4704, 289.8303

■ 3.5335, 4.4875,
4.7248

292.4324,

■ 1.4418, 1.9498,

321.5898, 347.3496

2.0308

347.5741,
381.2909, 412.0161

■ 0.2857, 0.5781,
0.5741

■ 0.0000, 0.0000,
0.0000

■ 58.5752, 66.4426,
71.3655

■ 58.5752, 66.4426,
71.3655

■ 52.7050, 63.5071,
67.0750

■ 65.3033, 69.8204,
75.8584

■ 47.6503, 60.9868,
62.9791


■ 72.9180, 73.6500,
80.5527


■ 43.3734, 58.8639,
59.0754


■ 80.8247, 77.6264,
85.4237

■ 39.8315, 57.1165,
55.3603


■ 81.7187, 77.9840,
90.1312


 36.9774, 55.7204,
51.8294


 82.6445, 78.3543,
95.0066


 34.7583, 54.6483,
48.4786


 83.6025, 78.7375,
100.0515

 33.1135, 53.8689,
45.3029

 84.5931, 79.1337,
105.2677

 31.9698, 53.3447,
42.2969

 84.6228, 79.1456,
105.4243

 31.3687, 53.0800,
40.2288

Harmonies

Analogous

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



59.3397, 66.4426, 65.0354



58.5752, 66.4426, 71.3655



59.0108, 66.4426, 78.3712

Triad

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



58.5752, 66.4426, 71.3655



65.2223, 66.4426, 85.1635



65.8321, 66.4426, 61.7624

Complementary

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



58.5752, 66.4426, 71.3655



58.1554, 56.4468, 61.8659

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.



67.4820, 66.4426, 66.6353



58.5752, 66.4426, 71.3655



67.1236, 66.4426, 80.1821

Square

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



58.5752, 66.4426, 71.3655



62.8089, 66.4426, 86.6305



67.9606, 66.4426, 73.3328



63.4958, 66.4426, 59.7227

Rectangle

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



58.5752, 66.4426, 71.3655



59.9292, 66.4426, 82.4420



67.9606, 66.4426, 73.3328



66.4877, 66.4426, 63.1075

Sweetspot

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



58.5771, 66.4454, 71.3670



90.9306, 97.9302, 106.2759



58.3970, 66.6245, 59.0730



19.3019, 20.8803, 22.6429



0.0000, 0.0000, 0.0000



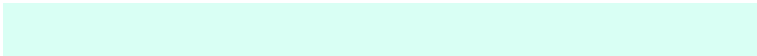
20.3446, 21.4041, 23.3091

Same Dimension

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



58.5771, 66.4454, 71.3670



80.6405, 92.7692, 99.2984



58.1691, 63.9834, 76.3054



13.2779, 14.7628, 15.9265



18.6485, 31.4920, 24.1124



1.2446, 2.0548, 1.7539

Inverse Universe

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



58.1554, 56.4468, 61.8659



79.9479, 76.3407, 83.6889



58.4950, 58.5745, 57.5140



13.2083, 13.1124, 14.3581



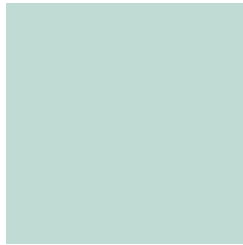
17.8884, 9.1564, 3.7923



1.1956, 0.6079, 0.4391

Previews

White Background



This preview shows how the XYZ color 58.5752, 66.4426, 71.3655 looks on a white background.

Color Contrast Check

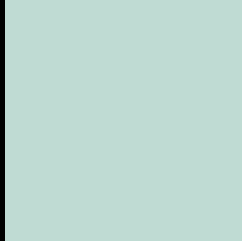
Large Text (above 18pt) WCAG AA × Fail

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 58.5752, 66.4426, 71.3655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

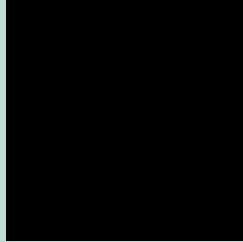
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

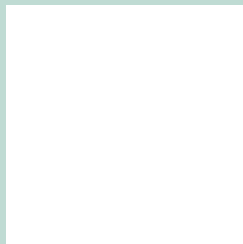
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.5752, 66.4426, 71.3655

Background



This preview shows how black text looks on a background with the XYZ color 58.5752, 66.4426, 71.3655.

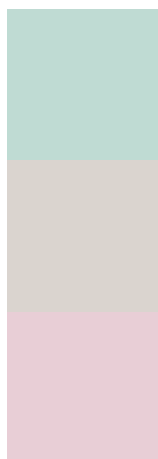


This preview shows how white text looks on a background with the XYZ color 58.5752, 66.4426,

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

58.5752, 66.4426, 71.3655

Protanopia

63.7194, 66.4974, 68.5084

Deuteranopia

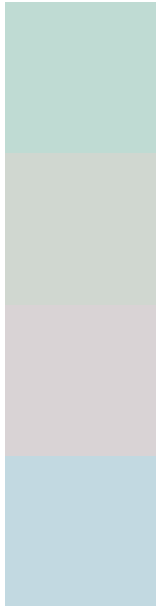
67.4876, 66.1535, 72.8302



Tritanopia

61.7695, 66.5970, 86.6897

Trichromacy



Original Color

58.5752, 66.4426, 71.3655

Protanomaly

61.6980, 66.5648, 69.2710

Deuteranomaly

63.9198, 66.1443, 72.3490

Tritanomaly

60.6516, 66.5313, 80.8793

Monochromacy



Original Color

58.5752, 66.4426, 71.3655

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.0557, 64.9382, 70.3418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5752, 66.4426, 71.3655 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, 219, 211)` looks like.

```
.text, #text, p{  
    color:rgb(191, 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(191, 219, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 219, 211) }
```

Border

The CSS property to change the border of an element to XYZ 58.5752, 66.4426, 71.3655 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, 219, 211) }
```


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

```
.border{ border-color:rgb(191, 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(191, 219, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 219, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 219, 211); box-shadow:4px 4px 4px 4px rgb(191, 219, 211) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5752, 66.4426, 71.3655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 219, 211) }
```

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

```
.background{ background-color: rgb(191,  
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](#).

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