

Converting Colors

XYZ(57.6813, 68.2539, 58.7862)

Have a look what the booklet for
XYZ(57.6813, 68.2539, 58.7862)
contains.

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Color

**XYZ(57.6881, 68.2355,
58.8455)**

Conversions

Conversions Part 1

Format	Color
Hex	C0E0BE
RGB	192, 224, 190
RGB Percent	75%, 88%, 75%
CMY	0.2471, 0.1215, 0.2549
CMYK	0.14, 0.00, 0.15, 0.12
HSL	116°, 35%, 81%
HSV	116°, 15%, 88%
XYZ	57.6881, 68.2355, 58.8455
YIQ	210.5560, -8.1580, -17.3580

Conversions

Conversions Part 2

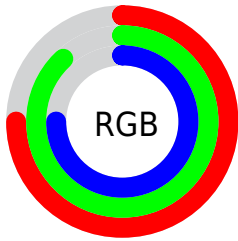
Format	Color
RYB	190, 224, 222
Decimal	12640446
CIELab	86.12, -16.85, 13.17
CIELCh	86, 21.386, 142.003
Yxy	68.2355, 0.3122, 0.3693
Android (android.graphics.Color)	4290830526 (0xFFC0E0BE)
YUV	210.5560, -10.1341, -16.2736
Hunter-Lab	82.6048, -19.9006, 15.5867

Details

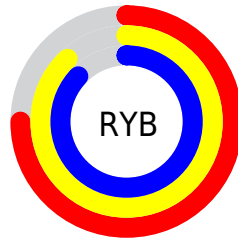
The XYZ color **57.6881, 68.2355, 58.8455** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.9951, 57.7403, 78.4021**, and the grayscale version is **61.6941, 64.9070, 70.6837**.

A 20% lighter version of the original color is **91.4615, 98.3136, 101.3447**, and **29.1846, 35.5854, 28.9974** is the 20% darker color. If you saturate the color by 10%, you get **50.4644, 64.7750, 46.6944**, and if you desaturate by 10%, it is **66.0566, 72.2466, 73.0172**.

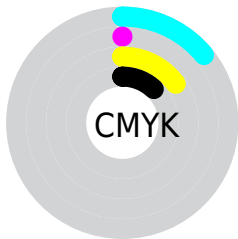
Distribution



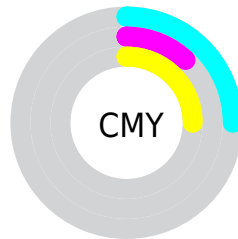
- Red (75%)
- Green (88%)
- Blue (75%)



- Red (75%)
- Yellow (88%)
- Blue (87%)



- Cyan (14%)
- Magenta (0%)
- Yellow (15%)
- Black (12%)



- Cyan (25%)
- Magenta (12%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6881, 68.2355, 58.8455 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 57.6881, 68.2355, 58.8455 by changing the saturation by 10% instead.

■ 57.6881, 68.2355,
58.8455

■ 57.6881, 68.2355,
58.8455

405.9953,
454.3300, 438.0151

■ 41.8002, 50.0893,
42.0696

■ 100.5941,
116.6890, 104.6800

■ 29.1353, 35.4844,
28.8298

128.3429,
147.7651, 134.5756

■ 19.3280, 24.0363,
18.7076

160.7762,
183.9200, 169.6816

■ 12.0129, 15.3605,
11.2845

198.2591,
225.5381, 210.4164

■ 6.8248, 9.0728,
6.1420

241.1572,
273.0037, 257.1986

■ 3.3981, 4.7887,
2.8614

289.8356,

■ 1.3676, 2.1238,

326.7013, 310.4468

1.0243

344.6599,
387.0152, 370.5794

■ 0.2330, 0.6780,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.6881, 68.2355,
58.8455

■ 57.6881, 68.2355,
58.8455

■ 50.4644, 64.7750,
46.6944

■ 66.0566, 72.2466,
73.0172

■ 44.3305, 61.8328,
36.4678

■ 75.6108, 76.8217,
89.2910

■ 39.2350, 59.3867,
28.0683

■ 85.9470, 81.7940,
105.8657

■ 35.1206, 57.4092,
21.3883

■ 31.9238, 55.8703,
16.3091

■ 29.5742, 54.7366,
12.6966

■ 27.9910, 53.9697,
10.3954

■ 27.0773, 53.5238,
9.2145

■ 26.8255, 53.4009,
8.8936

Harmonies

Analogous

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



61.3784, 68.2355, 51.9168



57.6881, 68.2355, 58.8455



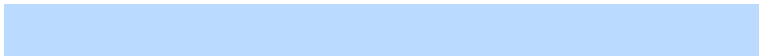
55.9380, 68.2355, 70.5936

Triad

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



57.6881, 68.2355, 58.8455



63.5495, 68.2355, 104.4599



74.0210, 68.2355, 64.6088

Complementary

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



57.6881, 68.2355, 58.8455



61.9951, 57.7403, 78.4021

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.



74.6744, 68.2355, 78.1274



57.6881, 68.2355, 58.8455



68.4622, 68.2355, 102.3304

Square

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



57.6881, 68.2355, 58.8455



59.2086, 68.2355, 97.7381



72.5939, 68.2355, 92.2407



70.8511, 68.2355, 54.9396

Rectangle

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



57.6881, 68.2355, 58.8455



56.0420, 68.2355, 80.0701



72.5939, 68.2355, 92.2407



74.5484, 68.2355, 68.8080

Sweetspot

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



57.6899, 68.2384, 58.8470



88.7866, 97.0005, 98.2448



66.0883, 71.6695, 59.0666



18.8225, 20.6752, 20.7203



0.0000, 0.0000, 0.0000



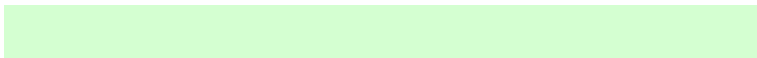
20.3446, 21.4041, 23.3091

Same Dimension

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



57.6899, 68.2384, 58.8470



74.3743, 90.0955, 73.8568



58.8803, 68.6565, 67.7397



13.6030, 15.3755, 14.5576



15.6450, 31.0978, 5.1779



1.1111, 2.1693, 0.3602

Inverse Universe

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



61.9951, 57.7403, 78.4021



81.1292, 73.6218, 104.5422



60.6980, 57.2927, 68.3567



14.2113, 13.8925, 17.3202



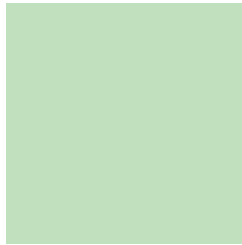
23.4749, 11.1971, 41.9723



1.6517, 0.7888, 2.9104

Previews

White Background



This preview shows how the XYZ color 57.6881, 68.2355, 58.8455 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 57.6881, 68.2355, 58.8455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

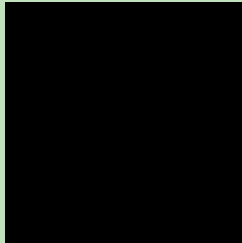
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

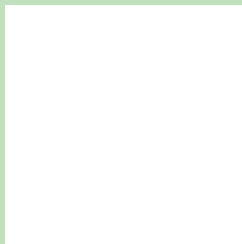
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.6881, 68.2355, 58.8455

Background



This preview shows how black text looks on a background with the XYZ color 57.6881, 68.2355, 58.8455.



This preview shows how white text looks on a background with the XYZ color 57.6881, 68.2355,

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

57.6881, 68.2355, 58.8455

Protanopia

64.1676, 67.7647, 55.5968

Deuteranopia

69.2467, 67.7090, 59.8715



Tritanopia

63.6200, 68.2831, 88.4241

Trichromacy



Original Color

57.6881, 68.2355, 58.8455

Protanomaly

61.7726, 68.0268, 56.8884

Deuteranomaly

64.3600, 67.4018, 59.4869

Tritanomaly

61.1443, 68.0366, 76.9276

Monochromacy



Original Color

57.6881, 68.2355, 58.8455

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.2372, 66.2609, 66.1147

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6881, 68.2355, 58.8455 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(192, 224, 190)` looks like.

```
.text, #text, p{  
    color:rgb(192, 224, 190)  
}
```

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(192, 224, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 224, 190) }
```

Border

The CSS property to change the border of an element to XYZ 57.6881, 68.2355, 58.8455 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(192, 224, 190) }
```


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

```
.border{ border-color:rgb(192, 224, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 224, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 224, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 224, 190);  
box-shadow:4px 4px 4px 4px rgb(192, 224,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6881, 68.2355, 58.8455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 224, 190) }
```

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

```
.background{ background-color: rgb(192,  
224, 190) }
```

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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