

Converting Colors

XYZ(58.2544, 68.4437, 55.6997)

Have a look what the booklet for
XYZ(58.2544, 68.4437, 55.6997)
contains.

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Color

**XYZ(58.3333, 68.6423,
55.5222)**

Conversions

Conversions Part 1

Format	Color
Hex	C5E0B8
RGB	197, 224, 184
RGB Percent	77%, 88%, 72%
CMY	0.2274, 0.1215, 0.2784
CMYK	0.12, 0.00, 0.18, 0.12
HSL	101°, 39%, 80%
HSV	101°, 18%, 88%
XYZ	58.3333, 68.6423, 55.5222
YIQ	211.3670, -3.2520, -18.1640

Conversions

Conversions Part 2

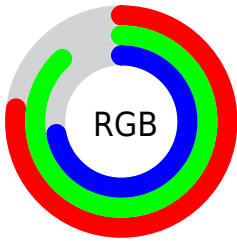
Format	Color
RYB	184, 224, 211
Decimal	12968120
CIELab	86.33, -16.15, 16.64
CIELCh	86, 23.192, 134.148
Yxy	68.6423, 0.3196, 0.3761
Android (android.graphics.Color)	4291158200 (0xFFC5E0B8)
YUV	211.3670, -13.4919, -12.5999
Hunter-Lab	82.8506, -19.3108, 18.2624

Details

The XYZ color **58.3333, 68.6423, 55.5222** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **57.4618, 53.5136, 77.8252**, and the grayscale version is **62.2491, 65.4909, 71.3196**.

A 20% lighter version of the original color is **92.3612, 98.8821, 96.6563**, and **29.6124, 35.8543, 26.8326** is the 20% darker color. If you saturate the color by 10%, you get **52.4061, 65.8389, 43.9430**, and if you desaturate by 10%, it is **65.0332, 71.8051, 69.0813**.

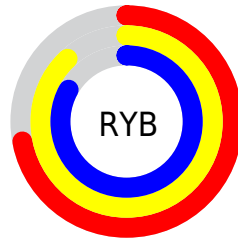
Distribution



Red (77%)

Green (88%)

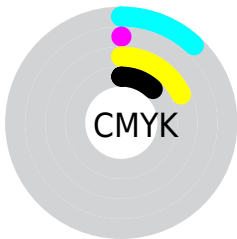
Blue (72%)



Red (72%)

Yellow (88%)

Blue (83%)

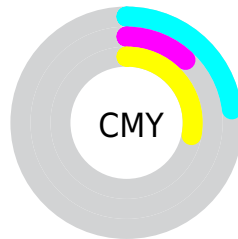


Cyan (12%)

Magenta (0%)

Yellow (18%)

Black (12%)



Cyan (23%)


Magenta (12%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.3333, 68.6423, 55.5222 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 58.3333, 68.6423, 55.5222 by changing the saturation by 10% instead.


 58.3333, 68.6423,
55.5222

 58.3333, 68.6423,
55.5222


408.3606,
455.7684, 425.2260

 42.3210, 50.4205,
39.4185


 101.5282,
117.2705, 99.7844

 29.5449, 35.7476,
26.7752


129.4416,
148.4457, 128.7801

 19.6398, 24.2393,
17.1735


162.0526,
184.7074, 162.9102

 12.2402, 15.5112,
10.1950

199.7266,
226.4401, 202.5933

 6.9808, 9.1790,
5.4211

242.8291,
274.0282, 248.2479

 3.4963, 4.8581,
2.4334

291.7254,

 1.4214, 2.1642,

327.8560, 300.2925

0.8045

346.7808,
388.3079, 359.1457

■ 0.2714, 0.7004,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.3333, 68.6423,
55.5222

■ 58.3333, 68.6423,
55.5222

■ 52.4061, 65.8389,
43.9430

■ 65.0332, 71.8051,
69.0813

■ 47.2172, 63.3732,
34.2467

■ 72.5279, 75.3308,
84.7022

■ 42.7371, 61.2341,
26.3350

■ 80.8452, 79.2339,
102.4677

■ 38.9326, 59.4069,
20.0987

■ 85.9470, 81.7941,
105.8657

■ 35.7671, 57.8754,
15.4167

■ 33.2003, 56.6218,
12.1517

■ 31.1864, 55.6259,
10.1422

■ 29.6661, 54.8623,
9.1637

■ 29.3888, 54.7223,
9.0135

Harmonies

Analogous

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



62.7590, 68.6423, 49.6469



58.3333, 68.6423, 55.5222



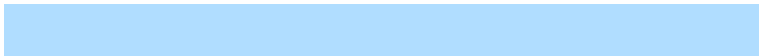
55.8343, 68.6423, 66.9741

Triad

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



58.3333, 68.6423, 55.5222



62.4713, 68.6423, 106.8310



75.7397, 68.6423, 67.7642

Complementary

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



58.3333, 68.6423, 55.5222



57.4618, 53.5136, 77.8252

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.



75.6522, 68.6423, 83.0837



58.3333, 68.6423, 55.5222



67.7905, 68.6423, 107.1192

Square

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



58.3333, 68.6423, 55.5222



58.1327, 68.6423, 97.2069



72.6767, 68.6423, 97.9474



72.9095, 68.6423, 56.0322

Rectangle

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



58.3333, 68.6423, 55.5222



55.5064, 68.6423, 76.8922



72.6767, 68.6423, 97.9474



76.0552, 68.6423, 72.6280

Sweetspot

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



58.3351, 68.6453, 55.5237



89.9687, 97.6098, 98.3001



62.6065, 65.7340, 54.7366



19.1089, 20.8228, 20.7337



0.0000, 0.0000, 0.0000



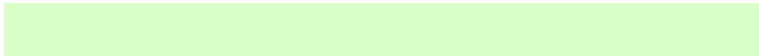
20.3446, 21.4041, 23.3091

Same Dimension

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



58.3351, 68.6453, 55.5237



75.5242, 90.7952, 69.0810



55.7922, 67.2517, 59.1398



13.9461, 15.5524, 14.5737



17.2128, 31.9061, 5.2513



1.2848, 2.2588, 0.3683

Inverse Universe

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



57.4618, 53.5136, 77.8252



74.1671, 67.3112, 103.6911



60.4513, 55.1572, 73.3366



13.8395, 13.7008, 17.3028



15.4085, 7.0387, 41.5948



1.1607, 0.5356, 2.8875

Previews

White Background



This preview shows how the XYZ color 58.3333, 68.6423, 55.5222 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 58.3333, 68.6423, 55.5222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

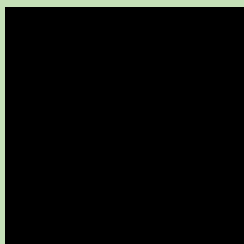
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

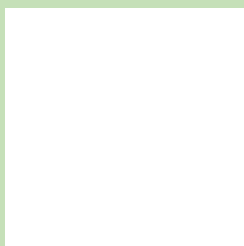
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.3333, 68.6423, 55.5222

Background



This preview shows how black text looks on a background with the XYZ color 58.3333, 68.6423, 55.5222.



This preview shows how white text looks on a background with the XYZ color 58.3333, 68.6423,

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

58.3333, 68.6423, 55.5222

Protanopia

64.5336, 68.3901, 52.9794

Deuteranopia

69.8833, 68.4738, 56.5472



Tritanopia

64.8410, 68.5454, 87.6550

Trichromacy



Original Color

58.3333, 68.6423, 55.5222

Protanomaly

62.0272, 68.2307, 53.6167

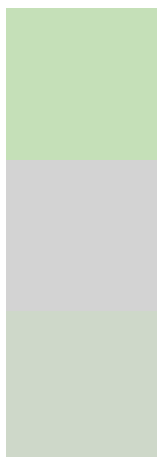
Deuteranomaly

65.2226, 68.2963, 56.1993

Tritanomaly

62.3450, 68.7008, 74.9404

Monochromacy



Original Color

58.3333, 68.6423, 55.5222

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

60.5521, 66.4506, 64.8932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3333, 68.6423, 55.5222 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(197, 224, 184)` looks like.

```
.text, #text, p{  
    color:rgb(197, 224, 184)  
}
```

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(197, 224, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 224, 184) }
```

Border

The CSS property to change the border of an element to XYZ 58.3333, 68.6423, 55.5222 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(197, 224, 184) }
```


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

```
.border{ border-color:rgb(197, 224, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 224, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 224, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 224, 184);  
box-shadow:4px 4px 4px 4px rgb(197, 224,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3333, 68.6423, 55.5222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 224, 184) }
```

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

```
.background{ background-color: rgb(197,  
224, 184) }
```

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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