

Converting Colors

XYZ(58.3980, 71.9956, 54.3093)

Have a look what the booklet for
XYZ(58.3980, 71.9956, 54.3093)
contains.

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Color

**XYZ(58.4323, 71.9966,
54.5331)**

Conversions

Conversions Part 1

Format	Color
Hex	BEE8B5
RGB	190, 232, 181
RGB Percent	75%, 91%, 71%
CMY	0.2549, 0.0902, 0.2902
CMYK	0.18, 0.00, 0.22, 0.09
HSL	109°, 53%, 81%
HSV	109°, 22%, 91%
XYZ	58.4323, 71.9966, 54.5331
YIQ	213.6280, -8.6610, -24.7650

Conversions

Conversions Part 2

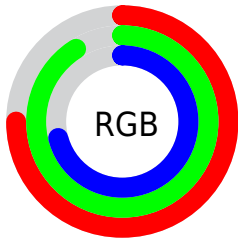
Format	Color
RYB	181, 232, 223
Decimal	12511413
CIELab	87.97, -22.98, 20.42
CIELCh	88, 30.748, 138.375
Yxy	71.9966, 0.3159, 0.3893
Android (android.graphics.Color)	4290701493 (0xFFBEE8B5)
YUV	213.6280, -16.0856, -20.7218
Hunter-Lab	84.8508, -25.5653, 21.2902

Details

The XYZ color **58.4323, 71.9966, 54.5331** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.5239, 54.5640, 83.6370**, and the grayscale version is **63.7769, 67.0983, 73.0700**.

A 20% lighter version of the original color is **89.4038, 97.4086, 94.2104**, and **29.5750, 37.8434, 26.1678** is the 20% darker color. If you saturate the color by 10%, you get **51.7840, 68.8239, 42.8133**, and if you desaturate by 10%, it is **66.1065, 75.6566, 68.3732**.

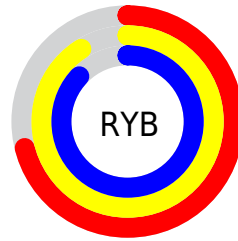
Distribution



Red (75%)

Green (91%)

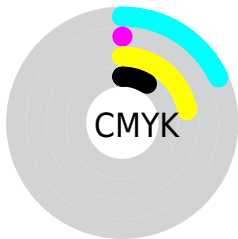
Blue (71%)



Red (71%)

Yellow (91%)

Blue (87%)

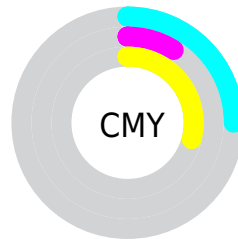


Cyan (18%)

Magenta (0%)

Yellow (22%)

Black (9%)



Cyan (25%)


Magenta (9%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.4323, 71.9966, 54.5331 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 58.4323, 71.9966, 54.5331 by changing the saturation by 10% instead.


 58.4323, 71.9966,
54.5331

 58.4323, 71.9966,
54.5331


408.7228,
467.5298, 421.3716

 42.4009, 53.1559,
38.6320


 101.6715,
122.0517, 98.3208

 29.6078, 37.9272,
26.1679


129.6100,
154.0349, 127.0445

 19.6877, 25.9262,
16.7224


162.2482,
191.1677, 160.8794

 12.2752, 16.7685,
9.8769

199.9515,
233.8345, 200.2441

 7.0049, 10.0695,
5.2129

243.0853,
282.4197, 245.5571

 3.5115, 5.4451,
2.3118

292.0148,

 1.4297, 2.5107,

337.3077, 297.2370

0.7378

347.1056,
398.8830, 355.7023

■ 0.2772, 0.8820,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.4323, 71.9966,
54.5331

■ 58.4323, 71.9966,
54.5331

■ 51.7840, 68.8239,
42.8133

■ 66.1065, 75.6566,
68.3732

■ 46.1122, 66.1090,
33.1046

■ 74.8421, 79.8136,
84.4260

■ 41.3718, 63.8332,
25.2953

■ 84.6797, 84.4890,
102.7844

■ 37.5118, 61.9729,
19.2609

■ 88.1481, 86.1961,
106.5994

■ 34.4762, 60.5022,
14.8619

■ 32.2022, 59.3922,
11.9383

■ 30.6172, 58.6098,
10.2974

■ 29.7699, 58.1862,
9.6620

Harmonies

Analogous

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



64.0857, 71.9966, 46.0025



58.4323, 71.9966, 54.5331



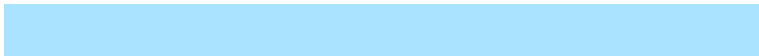
55.5404, 71.9966, 70.5409

Triad

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



58.4323, 71.9966, 54.5331



65.6313, 71.9966, 124.9152



82.6874, 71.9966, 66.3508

Complementary

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



58.4323, 71.9966, 54.5331



61.5239, 54.5640, 83.6370

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.



83.1753, 71.9966, 86.8052



58.4323, 71.9966, 54.5331



72.9676, 71.9966, 123.2457

Square

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



58.4323, 71.9966, 54.5331



59.4941, 71.9966, 112.5783



79.5090, 71.9966, 108.3574



78.2200, 71.9966, 51.9387

Rectangle

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



58.4323, 71.9966, 54.5331



55.4197, 71.9966, 84.4155



79.5090, 71.9966, 108.3574



83.3334, 71.9966, 72.6622

Sweetspot

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



58.4342, 71.9997, 54.5347



87.1049, 96.2209, 94.2173



67.9166, 73.0839, 54.2442



18.5041, 20.5286, 19.9094



0.0000, 0.0000, 0.0000



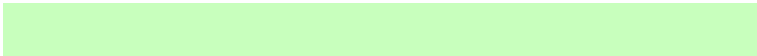
20.3446, 21.4041, 23.3091

Same Dimension

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



58.4342, 71.9997, 54.5347



68.8386, 87.5153, 61.2375



58.0102, 71.5784, 63.6739



14.4252, 16.2108, 15.2732



16.6001, 32.3392, 5.3672



1.2965, 2.4257, 0.3999

Inverse Universe

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



61.5239, 54.5640, 83.6370



73.2496, 62.5947, 102.8291



62.1805, 55.1556, 72.2358



14.7326, 14.4799, 18.1627



20.1199, 9.4381, 43.1445



1.5525, 0.7313, 3.1913

Previews

White Background



This preview shows how the XYZ color 58.4323, 71.9966, 54.5331 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 58.4323, 71.9966, 54.5331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

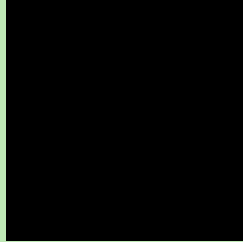
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.4323, 71.9966, 54.5331

Background



This preview shows how black text looks on a background with the XYZ color 58.4323, 71.9966, 54.5331.

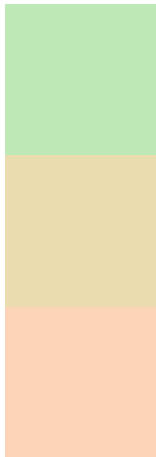


This preview shows how white text looks on a background with the XYZ color 58.4323, 71.9966,

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

58.4323, 71.9966, 54.5331

Protanopia

67.2627, 71.7740, 50.8661

Deuteranopia

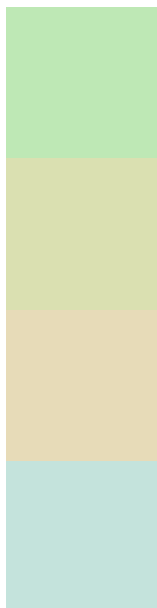
73.1735, 71.6606, 55.8742



Tritanopia

66.5021, 72.0015, 94.3970

Trichromacy



Original Color

58.4323, 71.9966, 54.5331

Protanomaly

63.5049, 71.3911, 52.0278

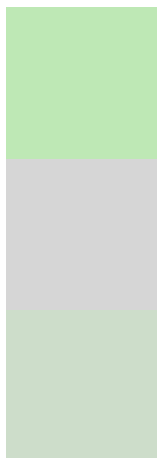
Deuteranomaly

66.9382, 71.1127, 55.5455

Tritanomaly

63.1523, 71.8412, 78.2484

Monochromacy



Original Color

58.4323, 71.9966, 54.5331

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

61.6940, 68.9563, 65.9354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4323, 71.9966, 54.5331 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, 232, 181)` looks like.

```
.text, #text, p{  
    color:rgb(190, 232, 181)  
}
```

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, 232, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 232, 181) }
```

Border

The CSS property to change the border of an element to XYZ 58.4323, 71.9966, 54.5331 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, 232, 181) }
```


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

```
.border{ border-color:rgb(190, 232, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 232, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 232, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 232, 181);  
box-shadow:4px 4px 4px 4px rgb(190, 232,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4323, 71.9966, 54.5331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 232, 181) }
```

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

```
.background{ background-color: rgb(190,  
232, 181) }
```

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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