

Converting Colors

XYZ(56.5630, 68.2024, 54.9031)

Have a look what the booklet for
XYZ(56.5630, 68.2024, 54.9031)
contains.

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Color

**XYZ(56.4587, 68.0881,
54.9664)**

Conversions

Conversions Part 1

Format	Color
Hex	BDE1B7
RGB	189, 225, 183
RGB Percent	74%, 88%, 72%
CMY	0.2588, 0.1176, 0.2823
CMYK	0.16, 0.00, 0.19, 0.12
HSL	111°, 41%, 80%
HSV	111°, 19%, 88%
XYZ	56.4587, 68.0881, 54.9664
YIQ	209.4480, -7.9740, -20.6940

Conversions

Conversions Part 2

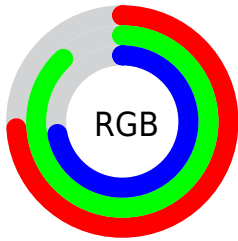
Format	Color
RYB	183, 225, 219
Decimal	12444087
CIELab	86.05, -19.56, 16.70
CIELCh	86, 25.723, 139.516
Yxy	68.0881, 0.3145, 0.3793
Android (android.graphics.Color)	4290634167 (0xFFBDE1B7)
YUV	209.4480, -13.0389, -17.9329
Hunter-Lab	82.5155, -22.2690, 18.2658

Details

The XYZ color **56.4587, 68.0881, 54.9664** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **59.7403, 54.3652, 78.5826**, and the grayscale version is **60.9848, 64.1607, 69.8710**.

A 20% lighter version of the original color is **89.3460, 97.3448, 95.7417**, and **28.3957, 35.5121, 26.4770** is the 20% darker color. If you saturate the color by 10%, you get **49.8315, 64.9230, 43.3931**, and if you desaturate by 10%, it is **64.1002, 71.7368, 68.5442**.

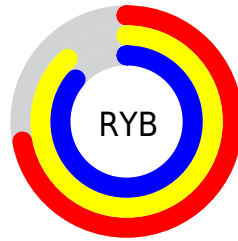
Distribution



Red (74%)

Green (88%)

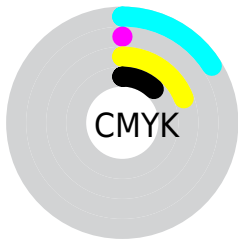
Blue (72%)



Red (72%)

Yellow (88%)

Blue (86%)

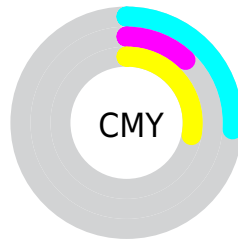


Cyan (16%)

Magenta (0%)

Yellow (19%)

Black (12%)



Cyan (26%)

Magenta (12%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.4587, 68.0881, 54.9664 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 56.4587, 68.0881, 54.9664 by changing the saturation by 10% instead.

■ 56.4587, 68.0881,
54.9664

■ 56.4587, 68.0881,
54.9664

401.4649,
453.8081, 423.0629

■ 40.8093, 49.9694,
38.9764

■ 98.8109, 116.4782,
98.9624

■ 28.3571, 35.3891,
26.4337

126.2443,
147.5183, 127.8054

■ 18.7368, 23.9628,
16.9197

158.3364,
183.6345, 161.7699

■ 11.5832, 15.3060,
10.0159

195.4526,
225.2109, 201.2744

■ 6.5307, 9.0344,
5.3038

237.9581,
272.6321, 246.7374

■ 3.2141, 4.7636,
2.3647

286.2185,

■ 1.2680, 2.1093,

326.2824, 298.5775

0.7671

340.5990,
386.5463, 357.2131

■ 0.1590, 0.6698,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.4587, 68.0881,
54.9664

■ 56.4587, 68.0881,
54.9664

■ 49.8315, 64.9230,
43.3931

■ 64.1002, 71.7368,
68.5442

■ 44.1705, 62.2127,
33.7253

■ 72.7907, 75.8792,
84.2106

■ 39.4318, 59.9390,
25.8622

■ 82.5699, 80.5358,
102.0500

■ 35.5658, 58.0786,
19.6917

■ 86.2165, 82.3331,
105.9555

■ 32.5184, 56.6062,
15.0896

■ 30.2290, 55.4939,
11.9144

■ 28.6284, 54.7095,
9.9993

■ 27.6262, 54.2119,
9.0940

■ 27.5265, 54.1624,
9.0036

Harmonies

Analogous

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



60.9964, 68.0881, 47.5180



56.4587, 68.0881, 54.9664



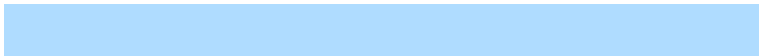
54.1813, 68.0881, 68.3759

Triad

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



56.4587, 68.0881, 54.9664



62.6717, 68.0881, 110.9259



76.0176, 68.0881, 63.7956

Complementary

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



56.4587, 68.0881, 54.9664



59.7403, 54.3652, 78.5826

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.



76.5340, 68.0881, 80.2116



56.4587, 68.0881, 54.9664



68.5832, 68.0881, 109.2011

Square

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



56.4587, 68.0881, 54.9664



57.6209, 68.0881, 101.7194



73.7409, 68.0881, 97.3138



72.3702, 68.0881, 52.0533

Rectangle

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



56.4587, 68.0881, 54.9664



54.1518, 68.0881, 79.6431



73.7409, 68.0881, 97.3138



76.5712, 68.0881, 68.8895

Sweetspot

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



56.4605, 68.0910, 54.9679



88.0222, 96.6504, 96.2207



64.8548, 69.9363, 54.8816



18.6833, 20.6123, 20.3131



0.0000, 0.0000, 0.0000



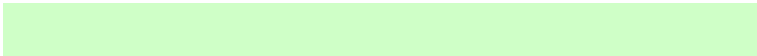
20.3446, 21.4041, 23.3091

Same Dimension

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



56.4605, 68.0910, 54.9679



71.7649, 88.8917, 67.3474



56.6142, 67.9841, 63.3850



13.7100, 15.4307, 14.5626



15.9197, 31.2394, 5.1908



1.1621, 2.1956, 0.3625

Inverse Universe

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



59.7403, 54.3652, 78.5826



76.8037, 67.7927, 103.6450



59.6575, 54.5444, 68.5553



14.0925, 13.8312, 17.3146



20.5606, 9.6947, 41.8360



1.4786, 0.6995, 2.9023

Previews

White Background



This preview shows how the XYZ color 56.4587, 68.0881, 54.9664 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 56.4587, 68.0881, 54.9664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

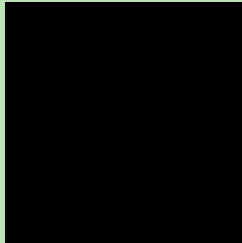
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.4587, 68.0881, 54.9664

Background



This preview shows how black text looks on a background with the XYZ color 56.4587, 68.0881, 54.9664.

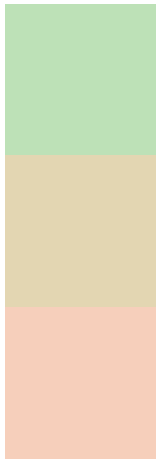


This preview shows how white text looks on a background with the XYZ color 56.4587, 68.0881,

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

56.4587, 68.0881, 54.9664

Protanopia

63.7610, 67.6384, 51.8144

Deuteranopia

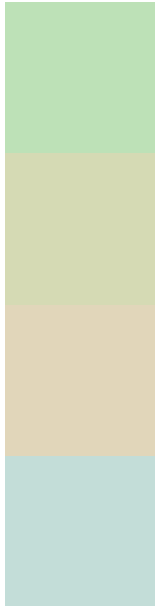
69.2885, 67.8063, 56.4497



Tritanopia

63.3555, 68.1467, 88.4117

Trichromacy



Original Color

56.4587, 68.0881, 54.9664

Protanomaly

60.7502, 67.5842, 53.0232

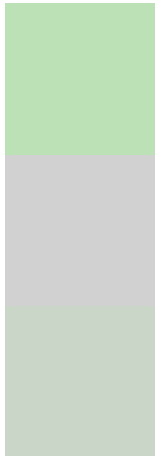
Deuteranomaly

63.9608, 67.6459, 56.1402

Tritanomaly

60.7568, 68.2729, 74.9415

Monochromacy



Original Color

56.4587, 68.0881, 54.9664

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.0829, 65.3276, 64.1391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4587, 68.0881, 54.9664 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, 225, 183)` looks like.

```
.text, #text, p{  
    color:rgb(189, 225, 183)  
}
```

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, 225, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 225, 183) }
```

Border

The CSS property to change the border of an element to XYZ 56.4587, 68.0881, 54.9664 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, 225, 183) }
```


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

```
.border{ border-color:rgb(189, 225, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 225, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 225, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 225, 183);  
box-shadow:4px 4px 4px 4px rgb(189, 225,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4587, 68.0881, 54.9664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 225, 183) }
```

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

```
.background{ background-color: rgb(189,  
225, 183) }
```

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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