

Converting Colors

XYZ(56.4334, 69.5829, 54.9800)

Have a look what the booklet for
XYZ(56.4334, 69.5829, 54.9800)
contains.

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Color

**XYZ(56.4704, 69.7303,
54.7390)**

Conversions

Conversions Part 1

Format	Color
Hex	B9E5B6
RGB	185, 229, 182
RGB Percent	73%, 90%, 71%
CMY	0.2745, 0.1019, 0.2863
CMYK	0.19, 0.00, 0.21, 0.10
HSL	116°, 47%, 81%
HSV	116°, 21%, 90%
XYZ	56.4704, 69.7303, 54.7390
YIQ	210.4860, -11.1370, -23.9450

Conversions

Conversions Part 2

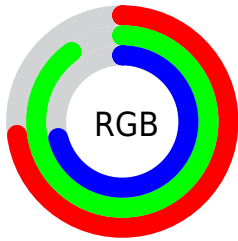
Format	Color
RYB	182, 229, 226
Decimal	12182966
CIELab	86.86, -23.04, 18.32
CIElCh	87, 29.441, 141.510
Yxy	69.7303, 0.3121, 0.3854
Android (android.graphics.Color)	4290373046 (0xFFB9E5B6)
YUV	210.4860, -14.0436, -22.3512
Hunter-Lab	83.5047, -25.4218, 19.5875

Details

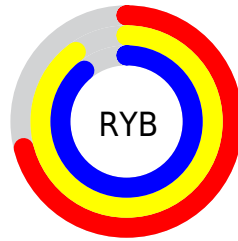
The XYZ color **56.4704, 69.7303, 54.7390** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **62.2377, 55.2838, 81.5229**, and the grayscale version is **61.6744, 64.8862, 70.6611**.

A 20% lighter version of the original color is **87.8106, 96.5703, 94.9007**, and **28.2661, 36.2974, 26.2852** is the 20% darker color. If you saturate the color by 10%, you get **49.5071, 66.3941, 43.0531**, and if you desaturate by 10%, it is **64.6044, 73.6294, 68.5028**.

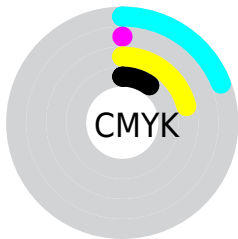
Distribution



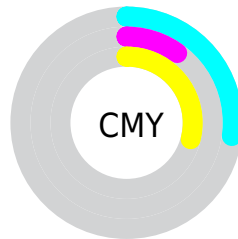
- Red (73%)
- Green (90%)
- Blue (71%)



- Red (71%)
- Yellow (90%)
- Blue (89%)



- Cyan (19%)
- Magenta (0%)
- Yellow (21%)
- Black (10%)



- Cyan (27%)
- Magenta (10%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.4704, 69.7303, 54.7390 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 56.4704, 69.7303, 54.7390 by changing the saturation by 10% instead.

■ 56.4704, 69.7303,
54.7390

■ 56.4704, 69.7303,
54.7390

401.5082,
459.6025, 422.1758

■ 40.8187, 51.3067,
38.7956

■ 98.8278, 118.8241,
98.6258

■ 28.3645, 36.4527,
26.2942

126.2643,
150.2630, 127.4062

■ 18.7424, 24.7841,
16.8161

158.3597,
186.8092, 161.3027

■ 11.5872, 15.9162,
9.9429

195.4793,
228.8470, 200.7339

■ 6.5335, 9.4649,
5.2560

237.9887,
276.7608, 246.1183

■ 3.2158, 5.0456,
2.3369


286.2530,


■ 1.2689, 2.2741,


330.9351, 297.8744


0.7518


340.6377,
391.7542, 356.4207


 0.1597, 0.7599,
0.0000


 0.0000, 0.0000,
0.0000


 56.4704, 69.7303,
54.7390


 56.4704, 69.7303,
54.7390

 49.5071, 66.3941,
43.0531


 64.6044, 73.6294,
68.5028


 43.6553, 63.5863,
33.3400

 73.9537, 78.1062,
84.4337

 38.8591, 61.2825,
25.4923

 84.5673, 83.1861,
102.6213

 35.0555, 59.4528,
19.3903

 87.3107, 84.5214,
106.3202

■ 32.1748, 58.0641,
14.9008

■ 30.1380, 57.0791,
11.8713

■ 28.8532, 56.4542,
10.1199

■ 28.2114, 56.1397,
9.3492

Harmonies

Analogous

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



61.5525, 69.7303, 45.8997



56.4704, 69.7303, 54.7390



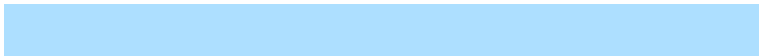
54.0574, 69.7303, 70.4777

Triad

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



56.4704, 69.7303, 54.7390



64.3464, 69.7303, 119.7977



79.3342, 69.7303, 62.8872

Complementary

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



56.4704, 69.7303, 54.7390



62.2377, 55.2838, 81.5229

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.



80.2109, 69.7303, 81.6448



56.4704, 69.7303, 54.7390



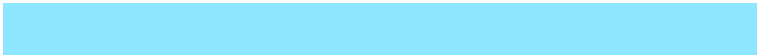
71.2363, 69.7303, 116.8153

Square

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



56.4704, 69.7303, 54.7390



58.3944, 69.7303, 109.5322



77.1569, 69.7303, 101.9727



74.8379, 69.7303, 50.0077

Rectangle

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



56.4704, 69.7303, 54.7390



54.1629, 69.7303, 83.7219



77.1569, 69.7303, 101.9727



80.0738, 69.7303, 68.6268

Sweetspot

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



56.4723, 69.7333, 54.7405



87.6088, 96.4373, 96.2014



67.9198, 74.3591, 55.0301



18.5860, 20.5621, 20.3085



0.0000, 0.0000, 0.0000



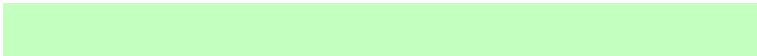
20.3446, 21.4041, 23.3091

Same Dimension

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



56.4723, 69.7333, 54.7405



67.7794, 86.9371, 62.6428



58.0171, 70.2685, 66.6124



14.2740, 16.1328, 15.2661



16.1633, 32.1140, 5.3467



1.2246, 2.3887, 0.3965

Inverse Universe

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



62.2377, 55.2838, 81.5229



76.4946, 65.0874, 103.1392



60.5068, 54.7010, 67.4555



14.8995, 14.5660, 18.1706



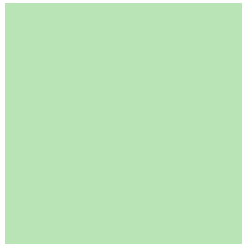
24.0458, 11.4620, 43.3282



1.8045, 0.8612, 3.2031

Previews

White Background



This preview shows how the XYZ color 56.4704, 69.7303, 54.7390 looks on a white background.

Color Contrast Check

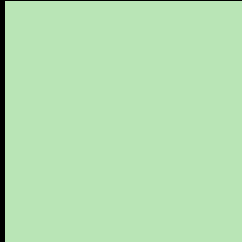
Large Text (above 18pt) WCAG AA × Fail

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 56.4704, 69.7303, 54.7390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

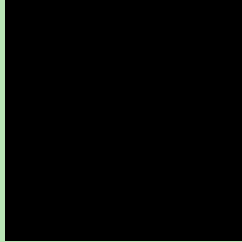
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.4704, 69.7303, 54.7390

Background



This preview shows how black text looks on a background with the XYZ color 56.4704, 69.7303, 54.7390.



This preview shows how white text looks on a background with the XYZ color 56.4704, 69.7303, 54.7390.

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

56.4704, 69.7303, 54.7390

Protanopia

65.2825, 69.5833, 51.0645

Deuteranopia

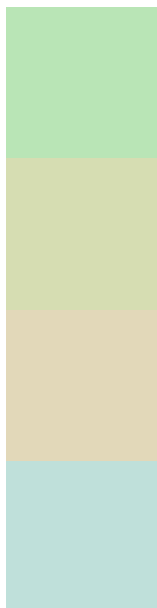
70.7303, 69.2858, 56.1000



Tritanopia

63.9421, 69.5470, 91.7152

Trichromacy



Original Color

56.4704, 69.7303, 54.7390

Protanomaly

61.6239, 69.2234, 52.2330

Deuteranomaly

64.6769, 68.7833, 55.7666

Tritanomaly

60.7964, 69.4496, 76.5305

Monochromacy



Original Color

56.4704, 69.7303, 54.7390

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

59.3256, 66.2133, 64.2972

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4704, 69.7303, 54.7390 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(185, 229, 182)` looks like.

```
.text, #text, p{  
    color:rgb(185, 229, 182)  
}
```

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(185, 229, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 229, 182) }
```

Border

The CSS property to change the border of an element to XYZ 56.4704, 69.7303, 54.7390 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(185, 229, 182) }
```


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

```
.border{ border-color:rgb(185, 229, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 229, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 229, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 229, 182);  
box-shadow:4px 4px 4px 4px rgb(185, 229,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4704, 69.7303, 54.7390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 229, 182) }
```

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

```
.background{ background-color: rgb(185,  
229, 182) }
```

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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