

Converting Colors

XYZ(56.7093, 67.6133, 55.6663)

Have a look what the booklet for
XYZ(56.7093, 67.6133, 55.6663)
contains.

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Color

**XYZ(56.7932, 67.8484,
55.4501)**

Conversions

Conversions Part 1

Format	Color
Hex	BFE0B8
RGB	191, 224, 184
RGB Percent	75%, 88%, 72%
CMY	0.2510, 0.1215, 0.2784
CMYK	0.15, 0.00, 0.18, 0.12
HSL	110°, 39%, 80%
HSV	110°, 18%, 88%
XYZ	56.7932, 67.8484, 55.4501
YIQ	209.5730, -6.8280, -19.4360

Conversions

Conversions Part 2

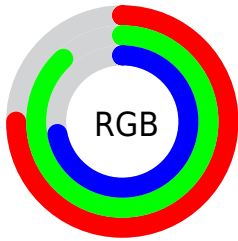
Format	Color
RYB	184, 224, 217
Decimal	12574904
CIELab	85.93, -18.22, 16.03
CIELCh	86, 24.266, 138.662
Yxy	67.8484, 0.3154, 0.3767
Android (android.graphics.Color)	4290764984 (0xFFBFE0B8)
YUV	209.5730, -12.6075, -16.2885
Hunter-Lab	82.3701, -21.0742, 17.7461

Details

The XYZ color **56.7932, 67.8484, 55.4501** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **59.2132, 54.4165, 77.9072**, and the grayscale version is **61.0634, 64.2434, 69.9611**.

A 20% lighter version of the original color is **90.1996, 97.7677, 96.5551**, and **28.6012, 35.3330, 26.7852** is the 20% darker color. If you saturate the color by 10%, you get **50.2707, 64.7381, 43.8430**, and if you desaturate by 10%, it is **64.2777, 71.4156, 69.0459**.

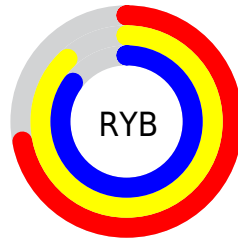
Distribution



Red (75%)

Green (88%)

Blue (72%)



Red (72%)

Yellow (88%)

Blue (85%)

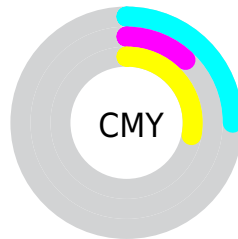


Cyan (15%)

Magenta (0%)

Yellow (18%)

Black (12%)



Cyan (25%)

Magenta (12%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.7932, 67.8484, 55.4501 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 56.7932, 67.8484, 55.4501 by changing the saturation by 10% instead.

■ 56.7932, 67.8484,
55.4501

■ 56.7932, 67.8484,
55.4501

402.7007,
452.9587, 424.9458

■ 41.0787, 49.7744,
39.3612

■ 99.2965, 116.1352,
99.6779

■ 28.5685, 35.2342,
26.7308

126.8160,
147.1169, 128.6538

■ 18.8973, 23.8433,
17.1405

159.0012,
183.1699, 162.7624

■ 11.6997, 15.2174,
10.1717

196.2175,
224.6786, 202.4224

■ 6.6103, 8.9721,
5.4059

238.8303,
272.0274, 248.0521

■ 3.2637, 4.7230,
2.4244


287.2048,


■ 1.2947, 2.0857,


325.6008, 300.0703


0.7997


341.7065,
385.7831, 358.8953

 0.1793, 0.6566,
0.0000


 0.0000, 0.0000,
0.0000

 56.7932, 67.8484,
55.4501

 56.7932, 67.8484,
55.4501

 50.2707, 64.7381,
43.8430


 64.2777, 71.4156,
69.0459


 44.6656, 62.0578,
34.1273

 72.7557, 75.4482,
84.7128

 39.9377, 59.7909,
26.2040

 82.2639, 79.9653,
102.5340

 36.0417, 57.9166,
19.9634

 85.9470, 81.7941,
105.8657

■ 32.9281, 56.4118,
15.2838

■ 30.5420, 55.2513,
12.0273

■ 28.8208, 54.4064,
10.0314

■ 27.6859, 53.8414,
9.0710

■ 27.5010, 53.7492,
8.9252

Harmonies

Analogous

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



61.1289, 67.8484, 48.5098



56.7932, 67.8484, 55.4501



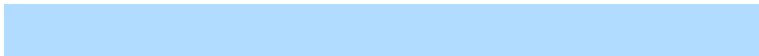
54.5682, 67.8484, 68.0208

Triad

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



56.7932, 67.8484, 55.4501



62.4099, 67.8484, 108.1255



75.1504, 67.8484, 64.5096

Complementary

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



56.7932, 67.8484, 55.4501



59.2132, 54.4165, 77.9072

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.



75.5422, 67.8484, 80.0565



56.7932, 67.8484, 55.4501



67.9677, 67.8484, 106.8266

Square

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



56.7932, 67.8484, 55.4501



57.6845, 67.8484, 99.3163



72.8479, 67.8484, 95.9875



71.8061, 67.8484, 53.1985

Rectangle

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



56.7932, 67.8484, 55.4501



54.4907, 67.8484, 78.5805



72.8479, 67.8484, 95.9875



75.6386, 67.8484, 69.3619

Sweetspot

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



56.7950, 67.8513, 55.4516



89.2999, 97.2651, 98.2688



64.1222, 68.7652, 55.2418



18.9468, 20.7392, 20.7261



0.0000, 0.0000, 0.0000



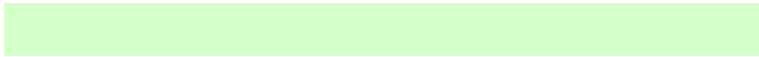
20.3446, 21.4041, 23.3091

Same Dimension

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



56.7950, 67.8513, 55.4516



73.1678, 89.5804, 68.9707



56.4648, 67.5207, 62.6818



13.7512, 15.4519, 14.5645



16.0741, 31.3190, 5.1980



1.1816, 2.2056, 0.3634

Inverse Universe

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



59.2132, 54.4165, 77.9072



76.9184, 68.7295, 103.8198



59.6832, 54.8499, 69.2915



14.0475, 13.8080, 17.3125



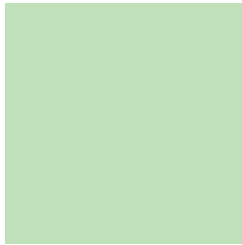
19.5378, 9.1674, 41.7881



1.4169, 0.6677, 2.8994

Previews

White Background



This preview shows how the XYZ color 56.7932, 67.8484, 55.4501 looks on a white background.

Color Contrast Check

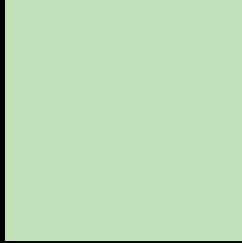
Large Text (above 18pt) WCAG AA × Fail

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 56.7932, 67.8484, 55.4501 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 56.7932, 67.8484, 55.4501

Background



This preview shows how black text looks on a background with the XYZ color 56.7932, 67.8484, 55.4501.



This preview shows how white text looks on a background with the XYZ color 56.7932, 67.8484,

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

56.7932, 67.8484, 55.4501

Protanopia

63.5473, 67.5166, 52.3305

Deuteranopia

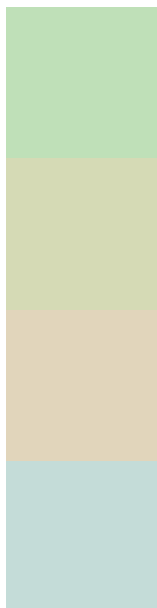
69.0461, 67.6690, 56.9992



Tritanopia

63.2173, 67.7083, 87.5790

Trichromacy



Original Color

56.7932, 67.8484, 55.4501

Protanomaly

60.8525, 67.6251, 53.5618

Deuteranomaly

63.8152, 67.1839, 56.6181

Tritanomaly

60.7528, 67.8800, 74.8659

Monochromacy



Original Color

56.7932, 67.8484, 55.4501

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

59.4717, 65.5144, 64.7694

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.7932, 67.8484, 55.4501 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(191, 224, 184)` looks like.

```
.text, #text, p{  
    color:rgb(191, 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(191, 224, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 224, 184) }
```

Border

The CSS property to change the border of an element to XYZ 56.7932, 67.8484, 55.4501 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(191, 224, 184) }
```


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

```
.border{ border-color:rgb(191, 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(191, 224, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 224, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 224, 184);  
box-shadow:4px 4px 4px 4px rgb(191, 224,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 56.7932, 67.8484, 55.4501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 224, 184) }
```

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

```
.background{ background-color: rgb(191,  
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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