

Converting Colors

XYZ(56.0249, 67.5465, 55.3066)

Have a look what the booklet for
XYZ(56.0249, 67.5465, 55.3066)
contains.

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Color

**XYZ(56.0464, 67.4634,
55.4152)**

Conversions

Conversions Part 1

Format	Color
Hex	BCE0B8
RGB	188, 224, 184
RGB Percent	74%, 88%, 72%
CMY	0.2627, 0.1215, 0.2784
CMYK	0.16, 0.00, 0.18, 0.12
HSL	114°, 39%, 80%
HSV	114°, 18%, 88%
XYZ	56.0464, 67.4634, 55.4152
YIQ	208.6760, -8.6160, -20.0720

Conversions

Conversions Part 2

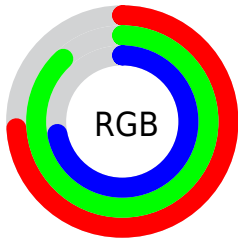
Format	Color
RYB	184, 224, 220
Decimal	12378296
CIELab	85.74, -19.24, 15.73
CIELCh	86, 24.852, 140.736
Yxy	67.4634, 0.3132, 0.3770
Android (android.graphics.Color)	4290568376 (0xFFBCE0B8)
YUV	208.6760, -12.1653, -18.1329
Hunter-Lab	82.1361, -21.9369, 17.4938

Details

The XYZ color **56.0464, 67.4634, 55.4152** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **60.1131, 54.8804, 77.9493**, and the grayscale version is **60.4755, 63.6249, 69.2875**.

A 20% lighter version of the original color is **89.1444, 97.2237, 96.5057**, and **28.1162, 35.0830, 26.7625** is the 20% darker color. If you saturate the color by 10%, you get **49.2576, 64.2158, 43.7957**, and if you desaturate by 10%, it is **63.9046, 71.2232, 69.0285**.

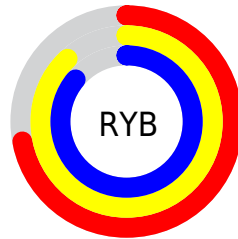
Distribution



Red (74%)

Green (88%)

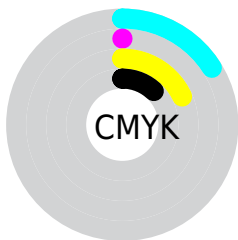
Blue (72%)



Red (72%)

Yellow (88%)

Blue (86%)

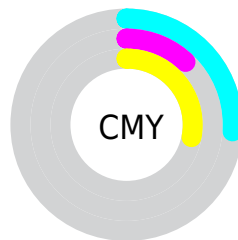


Cyan (16%)

Magenta (0%)

Yellow (18%)

Black (12%)



Cyan (26%)


Magenta (12%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 56.0464, 67.4634, 55.4152 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 56.0464, 67.4634, 55.4152 by changing the saturation by 10% instead.


 56.0464, 67.4634,
55.4152

 56.0464, 67.4634,
55.4152


399.9385,
451.5925, 424.8101

 40.4773, 49.4613,
39.3334


 98.2118, 115.5842,
99.6263

 28.0967, 34.9856,
26.7094

125.5388,
146.4716, 128.5926

 18.5394, 23.6518,
17.1246


157.5159,
182.4230, 162.6909

 11.4400, 15.0755,
10.1604

194.5083,
223.8227, 202.3396

 6.4331, 8.8724,
5.3985

236.8814,
271.0551, 247.9574

 3.1533, 4.6580,
2.4201

285.0005,

 1.2353, 2.0481,

324.5046, 299.9627

0.7974

339.2311,
384.5556, 358.7741

0.1340, 0.6352,
0.0000

0.0000, 0.0000,
0.0000

56.0464, 67.4634,
55.4152

56.0464, 67.4634,
55.4152

49.2576, 64.2158,
43.7957

63.9046, 71.2232,
69.0285

43.4866, 61.4500,
34.0722

72.8699, 75.5071,
84.7182

38.6858, 59.1455,
26.1454

82.9851, 80.3370,
102.5678

34.8017, 57.2773,
19.9054

85.9470, 81.7940,
105.8657

■ 31.7754, 55.8175,
15.2299

■ 29.5412, 54.7354,
11.9804

■ 28.0236, 53.9954,
9.9941

■ 27.1277, 53.5536,
9.0449

■ 26.9966, 53.4891,
8.9016

Harmonies

Analogous

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



60.3390, 67.4634, 47.9552



56.0464, 67.4634, 55.4152



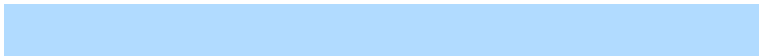
53.9531, 67.4634, 68.5439

Triad

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



56.0464, 67.4634, 55.4152



62.3829, 67.4634, 108.7800



74.8673, 67.4634, 62.9470

Complementary

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



56.0464, 67.4634, 55.4152



60.1131, 54.8804, 77.9493

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.



75.4944, 67.4634, 78.5978



56.0464, 67.4634, 55.4152



68.0598, 67.4634, 106.6949

Square

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



56.0464, 67.4634, 55.4152



57.4669, 67.4634, 100.3776



72.9382, 67.4634, 95.0408



71.2719, 67.4634, 51.8380

Rectangle

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



56.0464, 67.4634, 55.4152



53.9964, 67.4634, 79.4271



72.9382, 67.4634, 95.0408



75.4402, 67.4634, 67.7922

Sweetspot

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



56.0482, 67.4663, 55.4167



88.9681, 97.0940, 98.2533



64.9884, 70.4978, 55.5306



18.8664, 20.6978, 20.7223



0.0000, 0.0000, 0.0000



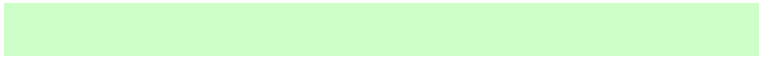
20.3446, 21.4041, 23.3091

Same Dimension

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



56.0482, 67.4663, 55.4167



72.0328, 88.9953, 68.9176



56.8503, 67.6749, 64.7117



13.6553, 15.4024, 14.5600



15.7574, 31.1557, 5.1832



1.1361, 2.1822, 0.3613

Inverse Universe

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



60.1131, 54.8804, 77.9493



78.3396, 69.4622, 103.8863



59.2686, 54.6841, 67.1083



14.1529, 13.8624, 17.3175



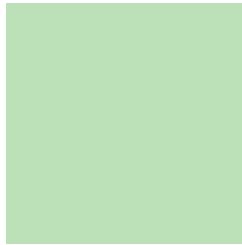
22.0031, 10.4383, 41.9035



1.5647, 0.7439, 2.9064

Previews

White Background



This preview shows how the XYZ color 56.0464, 67.4634, 55.4152 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 56.0464, 67.4634, 55.4152 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

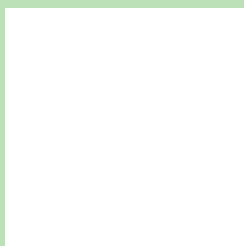
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.0464, 67.4634, 55.4152

Background



This preview shows how black text looks on a background with the XYZ color 56.0464, 67.4634, 55.4152.

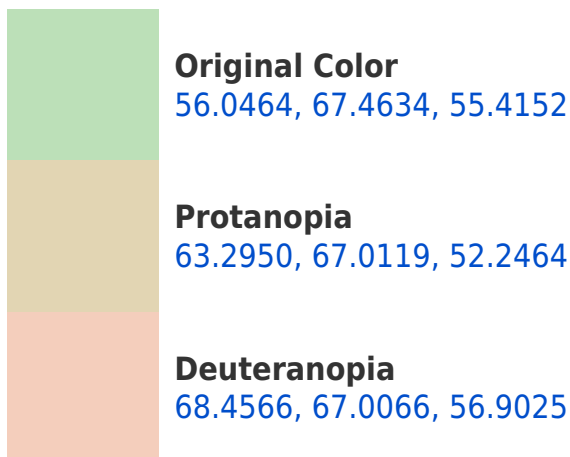


This preview shows how white text looks on a background with the XYZ color 56.0464, 67.4634,

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





Tritanopia

62.4291, 67.3020, 87.5421

Trichromacy



Original Color

56.0464, 67.4634, 55.4152

Protanomaly

60.3047, 66.9590, 53.4620

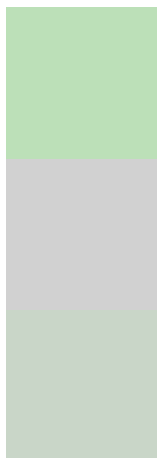
Deuteranomaly

63.5044, 67.0236, 56.6035

Tritanomaly

59.9802, 67.4817, 74.8297

Monochromacy



Original Color

56.0464, 67.4634, 55.4152

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

58.5593, 64.6808, 64.0418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.0464, 67.4634, 55.4152 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(188, 224, 184)` looks like.

```
.text, #text, p{  
    color:rgb(188, 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(188, 224, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 224, 184) }
```

Border

The CSS property to change the border of an element to XYZ 56.0464, 67.4634, 55.4152 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(188, 224, 184) }
```


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

```
.border{ border-color:rgb(188, 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(188, 224, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 224, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 224, 184);  
box-shadow:4px 4px 4px 4px rgb(188, 224,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 56.0464, 67.4634, 55.4152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 224, 184) }
```

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

```
.background{ background-color: rgb(188,  
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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