

Converting Colors

XYZ(58.9164, 67.2432, 48.4291)

Have a look what the booklet for
XYZ(58.9164, 67.2432, 48.4291)
contains.

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Color

**XYZ(58.6946, 67.0132,
48.3694)**

Conversions

Conversions Part 1

Format	Color
Hex	D0DBAB
RGB	208, 219, 171
RGB Percent	82%, 86%, 67%
CMY	0.1843, 0.1412, 0.3294
CMYK	0.05, 0.00, 0.22, 0.14
HSL	74°, 40%, 76%
HSV	74°, 22%, 86%
XYZ	58.6946, 67.0132, 48.3694
YIQ	210.2390, 8.8520, -17.2600

Conversions

Conversions Part 2

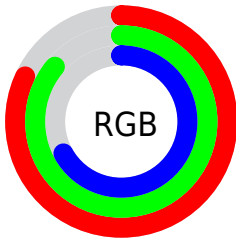
Format	Color
RYB	171, 219, 182
Decimal	13687723
CIELab	85.51, -11.76, 22.41
CIELCh	86, 25.312, 117.687
Yxy	67.0132, 0.3372, 0.3850
Android (android.graphics.Color)	4291877803 (0xFFD0DBAB)
YUV	210.2390, -19.3448, -1.9636
Hunter-Lab	81.8616, -15.2736, 22.2705

Details

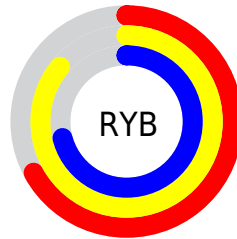
The XYZ color **58.6946, 67.0132, 48.3694** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.6432, 44.1872, 73.0922**, and the grayscale version is **61.5361, 64.7408, 70.5027**.

A 20% lighter version of the original color is **90.8651, 98.3261, 86.8628**, and **29.7421, 34.6551, 22.5743** is the 20% darker color. If you saturate the color by 10%, you get **55.3889, 65.5327, 38.2060**, and if you desaturate by 10%, it is **62.3944, 68.6610, 60.3594**.

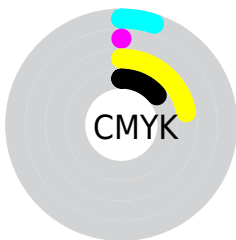
Distribution



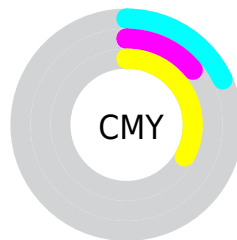
- Red (82%)
- Green (86%)
- Blue (67%)



- Red (67%)
- Yellow (86%)
- Blue (71%)



- Cyan (5%)
- Magenta (0%)
- Yellow (22%)
- Black (14%)



- Cyan (18%)
- Magenta (14%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.6946, 67.0132, 48.3694 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 58.6946, 67.0132, 48.3694 by changing the saturation by 10% instead.

■ 58.6946, 67.0132,
48.3694

■ 58.6946, 67.0132,
48.3694

409.6815,
449.9918, 396.8053

■ 42.6127, 49.0954,
33.7574

■ 102.0508,
114.9393, 89.1254

■ 29.7746, 34.6951,
22.4315

130.0559,
145.7164, 116.1066

■ 19.8148, 23.4281,
13.9729

162.7661,
181.5487, 148.0478

■ 12.3680, 14.9099,
7.9633

200.5468,
222.8205, 185.3678

■ 7.0688, 8.7562,
3.9840

243.7633,
269.9164, 228.4850

■ 3.5519, 4.5825,
1.6166

292.7811,

■ 1.4519, 2.0045,

323.2206, 277.8180

0.3026

347.9653,
383.1176, 333.7852

■ 0.2927, 0.6101,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.6946, 67.0132,
48.3694

■ 58.6946, 67.0132,
48.3694

■ 55.3889, 65.5327,
38.2060

■ 62.3944, 68.6610,
60.3594

■ 52.4547, 64.2036,
29.7753

■ 66.4994, 70.4739,
74.2553

■ 49.8748, 63.0213,
22.9813

■ 71.0264, 72.4609,
90.1367

■ 47.6285, 61.9775,
17.7173

■ 75.4043, 74.3935,
104.9929

45.6926, 61.0628,
13.8638

77.0212, 75.2270,
105.0686

44.0408, 60.2666,
11.2833

78.6848, 76.0846,
105.1464

42.6412, 59.5763,
9.8114

80.3954, 76.9665,
105.2265

41.6518, 59.0785,
9.2080

82.1534, 77.8727,
105.3087

83.9591, 78.8036,
105.3932

Harmonies

Analogous

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



64.1412, 67.0132, 45.6843



58.6946, 67.0132, 48.3694



54.8010, 67.0132, 57.3178

Triad

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



58.6946, 67.0132, 48.3694



57.9659, 67.0132, 103.1254



75.3900, 67.0132, 74.2511

Complementary

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



58.6946, 67.0132, 48.3694



46.6432, 44.1872, 73.0922

Split Complementary

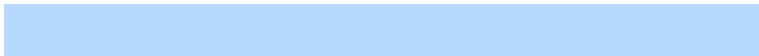
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.5006, 67.0132, 91.2307



58.6946, 67.0132, 48.3694



63.2490, 67.0132, 109.3900

Square

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



58.6946, 67.0132, 48.3694



54.3984, 67.0132, 88.6865



68.9696, 67.0132, 104.7429



73.9925, 67.0132, 59.2225

Rectangle

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



58.6946, 67.0132, 48.3694



53.4930, 67.0132, 66.4209



68.9696, 67.0132, 104.7429



75.1159, 67.0132, 79.9275

Sweetspot

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



58.6964, 67.0162, 48.3708



90.8185, 98.1353, 94.3911



53.1718, 51.2130, 45.6117



19.3637, 20.9718, 19.9496



0.0000, 0.0000, 0.0000



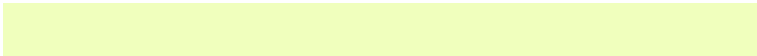
20.3446, 21.4041, 23.3091

Same Dimension

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



58.6964, 67.0162, 48.3708



80.7803, 93.6715, 61.7964



52.5957, 63.8712, 48.0853



13.8551, 15.1056, 13.9110



24.7958, 35.0802, 5.4643



1.6791, 2.3101, 0.3574

Inverse Universe

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



46.6432, 44.1872, 73.0922



61.0574, 56.3094, 102.2585



52.6387, 47.2780, 73.3727



12.6166, 12.7605, 16.4502



8.4471, 3.4788, 39.9647



0.6229, 0.2644, 2.5926

Previews

White Background



This preview shows how the XYZ color 58.6946, 67.0132, 48.3694 looks on a white background.

Color Contrast Check

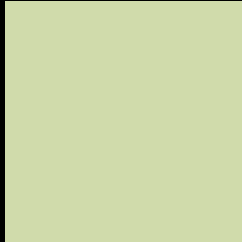
Large Text (above 18pt) WCAG AA × Fail

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 58.6946, 67.0132, 48.3694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

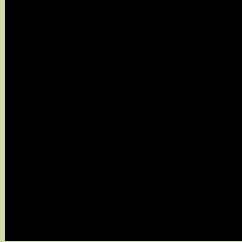
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.6946, 67.0132, 48.3694

Background



This preview shows how black text looks on a background with the XYZ color 58.6946, 67.0132, 48.3694.



This preview shows how white text looks on a background with the XYZ color 58.6946, 67.0132,

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

58.6946, 67.0132, 48.3694

Protanopia

62.5407, 66.7465, 46.6329

Deuteranopia

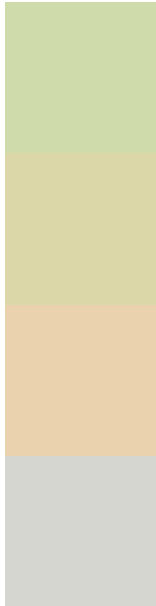
68.1827, 66.6751, 49.3204



Tritanopia

65.6168, 66.7889, 82.8320

Trichromacy



Original Color

58.6946, 67.0132, 48.3694

Protanomaly

60.9771, 66.6811, 47.1930

Deuteranomaly

64.1937, 66.4340, 48.9748

Tritanomaly

62.7496, 66.7443, 68.6072

Monochromacy



Original Color

58.6946, 67.0132, 48.3694

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.0526, 65.1293, 61.6307

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6946, 67.0132, 48.3694 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(208, 219, 171)` looks like.

```
.text, #text, p{  
    color:rgb(208, 219, 171)  
}
```

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(208, 219, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 219, 171) }
```

Border

The CSS property to change the border of an element to XYZ 58.6946, 67.0132, 48.3694 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(208, 219, 171) }
```


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

```
.border{ border-color:rgb(208, 219, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 219, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 219, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 219, 171);  
box-shadow:4px 4px 4px 4px rgb(208, 219,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6946, 67.0132, 48.3694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 219, 171) }
```

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

```
.background{ background-color: rgb(208,  
219, 171) }
```

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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