

Converting Colors

XYZ(48.0823, 48.6657, 63.9860)

Have a look what the booklet for
XYZ(48.0823, 48.6657, 63.9860)
contains.

XYZ(48.0823, 48.6657, 63.9860)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(48.0823, 48.6657,
63.9860)**

Conversions

Conversions Part 1

Format	Color
Hex	BAB7CC
RGB	186, 183, 204
RGB Percent	73%, 72%, 80%
CMY	0.2706, 0.2823, 0.2000
CMYK	0.09, 0.10, 0.00, 0.20
HSL	249°, 17%, 76%
HSV	249°, 10%, 80%
XYZ	48.0823, 48.6657, 63.9860
YIQ	186.2910, -4.9530, 7.1670

Conversions

Conversions Part 2

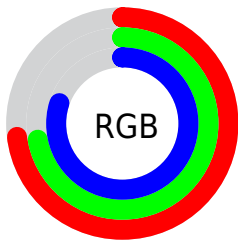
Format	Color
R _Y B	186, 183, 204
Decimal	12236748
CIE Lab	75.24, 5.11, -10.21
CIE LCh	75, 11.415, 296.601
Yxy	48.6657, 0.2991, 0.3028
Android (android.graphics.Color)	4290426828 (0xFFBAB7CC)
YUV	186.2910, 8.7305, -0.2552
Hunter-Lab	69.7608, 0.9489, -5.5494

Details

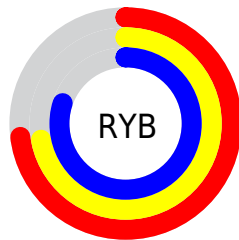
The XYZ color **48.0823, 48.6657, 63.9860** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.2292, 59.0234, 53.3365**, and the grayscale version is **46.7910, 49.2278, 53.6091**.

A 20% lighter version of the original color is **85.5345, 87.8302, 107.0525**, and **23.1605, 23.1538, 32.1026** is the 20% darker color. If you saturate the color by 10%, you get **40.1844, 38.7951, 62.4978**, and if you desaturate by 10%, it is **57.1130, 60.0282, 65.7040**.

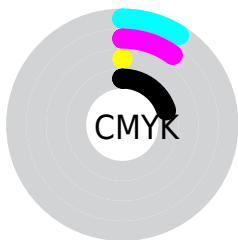
Distribution



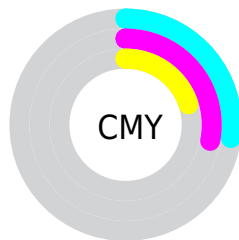
- Red (73%)
- Green (72%)
- Blue (80%)



- Red (73%)
- Yellow (72%)
- Blue (80%)



- Cyan (9%)
- Magenta (10%)
- Yellow (0%)
- Black (20%)



- Cyan (27%)
- Magenta (28%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.0823, 48.6657, 63.9860 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 48.0823, 48.6657, 63.9860 by changing the saturation by 10% instead.

■ 48.0823, 48.6657,
63.9860

■ 48.0823, 48.6657,
63.9860

369.6954,
381.4248, 457.3452

■ 34.1036, 34.3544,
46.1932

■ 86.5359, 88.1947,
112.1900

■ 23.1365, 23.1660,
32.0486

111.7415,
114.1812, 143.4384

■ 14.8155, 14.7161,
21.1335

141.4200,
144.8282, 180.0090

■ 8.7755, 8.6204,
13.0294

175.9370,
180.5202, 222.3205

■ 4.6510, 4.4944,
7.3178

215.6576,
221.6414, 270.7913

■ 2.0766, 1.9538,
3.5802

260.9474,

■ 0.6764, 0.5804,

268.5763, 325.8399

1.3980

312.1715,
321.7093, 387.8851

■ 0.0000, 0.0000,
0.1402

■ 0.0000, 0.0000,
0.0000

■ 48.0823, 48.6657,
63.9860

■ 48.0823, 48.6657,
63.9860

■ 40.1844, 38.7951,
62.4978

■ 57.1130, 60.0282,
65.7040

■ 33.3700, 30.3483,
61.2266

■ 67.3143, 72.9346,
67.6575

■ 27.5928, 23.2611,
60.1631

■ 78.7278, 87.4420,
69.8561

■ 22.8014, 17.4621,
59.2963

■ 87.8992, 97.1397,
71.2446

■ 18.9399, 12.8732,
58.6141

■ 15.9467, 9.4077,
58.1029

■ 13.7525, 6.9672,
57.7475

■ 12.2772, 5.4363,
57.5298

■ 11.4094, 4.6227,
57.4185

Harmonies

Analogous

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



46.0169, 48.6657, 65.3573



48.0823, 48.6657, 63.9860



49.6999, 48.6657, 59.5951

Triad

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



48.0823, 48.6657, 63.9860



48.5079, 48.6657, 43.9304



42.3501, 48.6657, 52.3078

Complementary

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



48.0823, 48.6657, 63.9860



54.2292, 59.0234, 53.3365

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.



42.9736, 48.6657, 46.8895



48.0823, 48.6657, 63.9860



46.4945, 48.6657, 42.2881

Square

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



48.0823, 48.6657, 63.9860



49.9508, 48.6657, 47.9897



44.4752, 48.6657, 43.3297



42.7467, 48.6657, 58.3233

Rectangle

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



48.0823, 48.6657, 63.9860



50.2849, 48.6657, 55.7068



44.4752, 48.6657, 43.3297



42.4469, 48.6657, 50.3605

Sweetspot

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



48.0837, 48.6678, 63.9871



90.2863, 93.9932, 107.9916



51.3624, 56.2949, 65.2865



19.0589, 19.7833, 23.0640



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.



48.0837, 48.6678, 63.9871



77.0526, 77.3665, 105.4799



50.6773, 50.0048, 64.1085



10.7483, 10.9195, 14.1116



7.2287, 2.9341, 36.1416



0.4223, 0.1768, 1.8668

Inverse Universe

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



52.3796, 50.9235, 62.3291



85.3578, 81.7284, 102.2388



51.5521, 57.6433, 53.2113



11.6160, 11.3751, 13.7784



20.5626, 10.0356, 26.4788



1.0801, 0.5255, 1.4679

Previews

White Background



This preview shows how the XYZ color 48.0823, 48.6657, 63.9860 looks on a white background.

Color Contrast Check

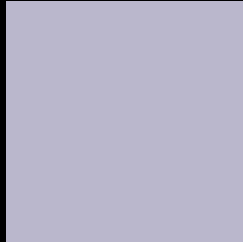
Large Text (above 18pt) WCAG AA × Fail

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 48.0823, 48.6657, 63.9860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

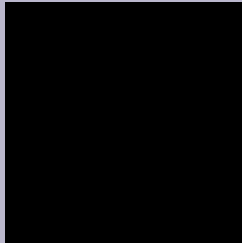
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.0823, 48.6657, 63.9860

Background



This preview shows how black text looks on a background with the XYZ color 48.0823, 48.6657, 63.9860.



This preview shows how white text looks on a background with the XYZ color 48.0823, 48.6657,

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

48.0823, 48.6657, 63.9860

Protanopia

47.6884, 48.7560, 64.6550

Deuteranopia

49.5888, 48.5196, 64.5092



Tritanopia

47.3411, 48.6725, 60.3257

Trichromacy



Original Color

48.0823, 48.6657, 63.9860

Protanomaly

47.9271, 48.8791, 64.6662

Deuteranomaly

49.0292, 48.5319, 64.5411

Tritanomaly

47.5734, 48.7654, 61.5489

Monochromacy



Original Color

48.0823, 48.6657, 63.9860

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

47.2243, 48.9873, 57.4186

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0823, 48.6657, 63.9860 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(186, 183, 204) looks like.

```
.text, #text, p{  
    color:rgb(186, 183, 204)  
}
```

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(186, 183, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 183, 204) }
```

Border

The CSS property to change the border of an element to XYZ 48.0823, 48.6657, 63.9860 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(186, 183, 204) }
```


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

```
.border{ border-color:rgb(186, 183, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 183, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 183, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 183, 204);  
box-shadow:4px 4px 4px 4px rgb(186, 183,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0823, 48.6657, 63.9860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 183, 204) }
```

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

```
.background{ background-color: rgb(186,  
183, 204) }
```

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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