

Converting Colors

XYZ(47.8026, 48.7123, 60.2090)

Have a look what the booklet for
XYZ(47.8026, 48.7123, 60.2090)
contains.

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Color

**XYZ(47.8656, 48.6356,
60.2909)**

Conversions

Conversions Part 1

Format	Color
Hex	BCB7C6
RGB	188, 183, 198
RGB Percent	74%, 72%, 78%
CMY	0.2627, 0.2823, 0.2235
CMYK	0.05, 0.08, 0.00, 0.22
HSL	260°, 12%, 75%
HSV	260°, 8%, 78%
XYZ	47.8656, 48.6356, 60.2909
YIQ	186.2050, -1.8350, 5.7250

Conversions

Conversions Part 2

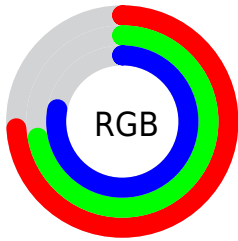
Format	Color
R _Y B	188, 183, 198
Decimal	12367814
CIE Lab	75.22, 4.59, -6.95
CIE LCh	75, 8.331, 303.459
Yxy	48.6356, 0.3053, 0.3102
Android (android.graphics.Color)	4290557894 (0xFFBCB7C6)
YUV	186.2050, 5.8149, 1.5742
Hunter-Lab	69.7392, 0.4700, -2.4399

Details

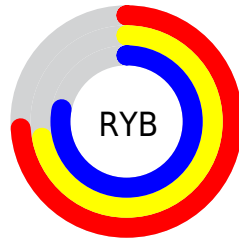
The XYZ color **47.8656, 48.6356, 60.2909** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.7355, 55.1458, 52.7724**, and the grayscale version is **46.7574, 49.1924, 53.5706**.

A 20% lighter version of the original color is **86.2247, 88.1861, 107.0848**, and **23.0083, 23.1298, 29.6374** is the 20% darker color. If you saturate the color by 10%, you get **40.9608, 39.4350, 58.8797**, and if you desaturate by 10%, it is **55.6453, 59.1427, 61.9097**.

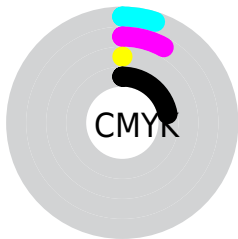
Distribution



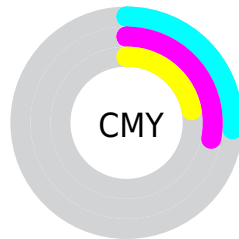
- Red (74%)
- Green (72%)
- Blue (78%)



- Red (74%)
- Yellow (72%)
- Blue (78%)



- Cyan (5%)
- Magenta (8%)
- Yellow (0%)
- Black (22%)



- Cyan (26%)
- Magenta (28%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.8656, 48.6356, 60.2909 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 47.8656, 48.6356, 60.2909 by changing the saturation by 10% instead.

■ 47.8656, 48.6356,
60.2909

■ 47.8656, 48.6356,
60.2909

368.8506,
381.3060, 443.5036

■ 33.9313, 34.3305,
43.2263

■ 86.2152, 88.1500,
106.7990

■ 23.0034, 23.1476,
29.7300

111.3611,
114.1281, 137.0797

■ 14.7168, 14.7025,
19.3834

140.9750,
144.7660, 172.6028

■ 8.7059, 8.6109,
11.7681

175.4221,
180.4480, 213.7868

■ 4.6054, 4.4883,
6.4653

215.0679,
221.5587, 261.0504

■ 2.0500, 1.9503,
3.0567

260.2777,

■ 0.6618, 0.5783,

268.4823, 314.8120

1.1237

311.4168,
321.6033, 375.4902

■ 0.0000, 0.0000,
0.0000

■ 47.8656, 48.6356,
60.2909

■ 47.8656, 48.6356,
60.2909

■ 40.9608, 39.4350,
58.8797

■ 55.6453, 59.1427,
61.9097

■ 34.8949, 31.4830,
57.6645

■ 64.3258, 70.9991,
63.7407

■ 29.6355, 24.7263,
56.6375

■ 73.9370, 84.2529,
65.7924

■ 25.1463, 19.1053,
55.7892

■ 82.1646, 94.2649,
67.2912

■ 21.3883, 14.5553,
55.1090

■ 86.8314, 96.6708,
67.5096

■ 18.3185, 11.0048,
54.5855

■ 87.1932, 96.8573,
67.5266

■ 15.8892, 8.3731,
54.2055

■ 14.0453, 6.5667,
53.9540

■ 12.7123, 5.4533,
53.8094

Harmonies

Analogous

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



46.4042, 48.6356, 61.8072



47.8656, 48.6356, 60.2909



48.9053, 48.6356, 56.8056

Triad

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



47.8656, 48.6356, 60.2909



47.5520, 48.6356, 45.7791



43.3555, 48.6356, 53.4652

Complementary

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



47.8656, 48.6356, 60.2909



50.7355, 55.1458, 52.7724

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.



43.6477, 48.6356, 49.2842



47.8656, 48.6356, 60.2909



46.0496, 48.6356, 44.9928

Square

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



47.8656, 48.6356, 60.2909



48.7215, 48.6356, 48.4507



44.6256, 48.6356, 46.2413



43.8185, 48.6356, 57.7320

Rectangle

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



47.8656, 48.6356, 60.2909



49.2076, 48.6356, 53.9203



44.6256, 48.6356, 46.2413



43.3687, 48.6356, 52.0031

Sweetspot

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



47.8670, 48.6377, 60.2920



92.2045, 96.1498, 108.3068



48.8485, 52.3967, 60.9658



19.7654, 20.6204, 23.1883



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.



47.8670, 48.6377, 60.2920



82.7531, 83.4337, 106.3505



49.6984, 49.5818, 60.3777



10.3841, 10.4563, 13.3885



8.1706, 3.4463, 34.9789



0.4640, 0.2030, 1.6599

Inverse Universe

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



49.8495, 49.7252, 57.4251



86.9537, 85.7386, 100.2477



48.9320, 54.2161, 52.6880



10.9270, 10.7542, 12.5991



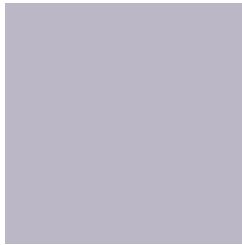
17.8959, 8.9079, 15.1935



0.8800, 0.4348, 0.8911

Previews

White Background



This preview shows how the XYZ color 47.8656, 48.6356, 60.2909 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 47.8656, 48.6356, 60.2909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

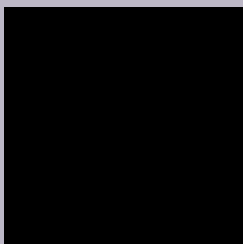
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

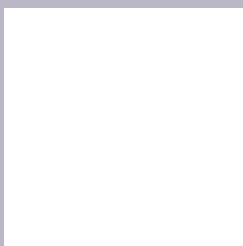
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.8656, 48.6356, 60.2909

Background



This preview shows how black text looks on a background with the XYZ color 47.8656, 48.6356, 60.2909.

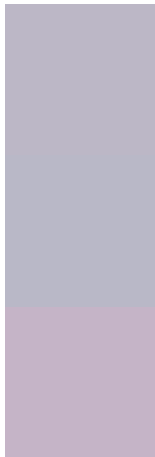


This preview shows how white text looks on a background with the XYZ color 47.8656, 48.6356,

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

47.8656, 48.6356, 60.2909

Protanopia

47.4569, 48.7188, 60.9353

Deuteranopia

49.6560, 48.6364, 60.8034



Tritanopia

47.8656, 48.6356, 60.2909

Trichromacy



Original Color

47.8656, 48.6356, 60.2909

Protanomaly

47.6990, 48.8436, 60.9466

Deuteranomaly

49.0808, 48.6406, 60.8346

Tritanomaly

47.8656, 48.6356, 60.2909

Monochromacy



Original Color

47.8656, 48.6356, 60.2909

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

47.1367, 48.9804, 55.6850

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.8656, 48.6356, 60.2909 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, 183, 198)` looks like.

```
.text, #text, p{  
    color:rgb(188, 183, 198)  
}
```

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, 183, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 183, 198) }
```

Border

The CSS property to change the border of an element to XYZ 47.8656, 48.6356, 60.2909 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, 183, 198) }
```


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

```
.border{ border-color:rgb(188, 183, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 183, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 183, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 183, 198);  
box-shadow:4px 4px 4px 4px rgb(188, 183,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 47.8656, 48.6356, 60.2909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 183, 198) }
```

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

```
.background{ background-color: rgb(188,  
183, 198) }
```

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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