

Converting Colors

XYZ(48.4094, 48.5722, 60.2639)

Have a look what the booklet for
XYZ(48.4094, 48.5722, 60.2639)
contains.

XYZ(48.4068, 48.6095, 60.2573)	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(48.4068, 48.6095,
60.2573)**

Conversions

Conversions Part 1

Format	Color
Hex	BFB6C6
RGB	191, 182, 198
RGB Percent	75%, 71%, 78%
CMY	0.2510, 0.2863, 0.2235
CMYK	0.04, 0.08, 0.00, 0.22
HSL	274°, 12%, 75%
HSV	274°, 8%, 78%
XYZ	48.4068, 48.6095, 60.2573
YIQ	186.5150, 0.2280, 6.8840

Conversions

Conversions Part 2

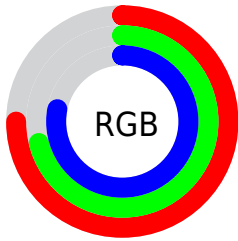
Format	Color
R_{YB}	191, 182, 198
Decimal	12564166
CIE Lab	75.21, 6.16, -6.95
CIE LCh	75, 9.283, 311.547
Yxy	48.6095, 0.3078, 0.3091
Android (android.graphics.Color)	4290754246 (0xFFBFB6C6)
YUV	186.5150, 5.6621, 3.9333
Hunter-Lab	69.7205, 1.9213, -2.4382

Details

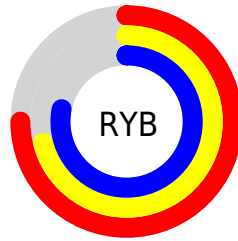
The XYZ color **48.4068, 48.6095, 60.2573** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.6257, 54.5857, 52.1790**, and the grayscale version is **46.9313, 49.3754, 53.7698**.

A 20% lighter version of the original color is **86.9823, 88.1432, 107.0366**, and **23.3655, 23.1174, 29.6162** is the 20% darker color. If you saturate the color by 10%, you get **42.5206, 39.9762, 58.9019**, and if you desaturate by 10%, it is **54.9981, 58.4601, 61.8120**.

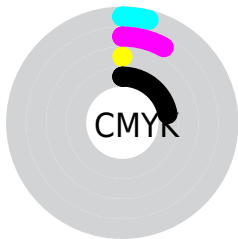
Distribution



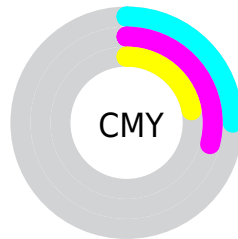
- Red (75%)
- Green (71%)
- Blue (78%)



- Red (75%)
- Yellow (71%)
- Blue (78%)



- Cyan (4%)
- Magenta (8%)
- Yellow (0%)
- Black (22%)



- Cyan (25%)
- Magenta (29%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.4068, 48.6095, 60.2573 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 48.4068, 48.6095, 60.2573 by changing the saturation by 10% instead.

■ 48.4068, 48.6095,
60.2573

■ 48.4068, 48.6095,
60.2573

370.9581,
381.2030, 443.3765

■ 34.3617, 34.3098,
43.1994

■ 87.0158, 88.1112,
106.7498

■ 23.3358, 23.1317,
29.7090

112.3105,
114.0820, 137.0216

■ 14.9637, 14.6908,
19.3677

142.0857,
144.7120, 172.5350

■ 8.8801, 8.6027,
11.7568

176.7069,
180.3855, 213.7087

■ 4.7195, 4.4829,
6.4577

216.5394,
221.4869, 260.9611

■ 2.1167, 1.9472,
3.0521

261.9485,

■ 0.6983, 0.5765,

268.4007, 314.7109

1.1213

313.2996,
321.5113, 375.3765

■ 0.0000, 0.0000,
0.0000

■ 48.4068, 48.6095,
60.2573

■ 48.4068, 48.6095,
60.2573

■ 42.5206, 39.9762,
58.9019

■ 54.9981, 58.4601,
61.8120

■ 37.3091, 32.5049,
57.7344

■ 62.3149, 69.5679,
63.5704

■ 32.7458, 26.1454,
56.7474

■ 70.3821, 81.9788,
65.5407

■ 28.8008, 20.8411,
55.9315

■ 77.2103, 91.7109,
67.0593

■ 25.4415, 16.5304,
55.2766

■ 79.9911, 93.1445,
67.1895

■ 22.6319, 13.1451,
54.7712

■ 82.9111, 94.6498,
67.3261

■ 20.3315, 10.6081,
54.4028

■ 85.9722, 96.2278,
67.4694

■ 18.4933, 8.8290,
54.1562

■ 87.1932, 96.8573,
67.5265

■ 17.0473, 7.6720,
54.0091

Harmonies

Analogous

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



46.8601, 48.6095, 62.6528



48.4068, 48.6095, 60.2573



49.3766, 48.6095, 55.9503

Triad

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



48.4068, 48.6095, 60.2573



47.2456, 48.6095, 44.5245



43.0687, 48.6095, 54.8261

Complementary

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



48.4068, 48.6095, 60.2573



49.6257, 54.5857, 52.1790

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.



43.1662, 48.6095, 50.0156



48.4068, 48.6095, 60.2573



45.5498, 48.6095, 44.2646

Square

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



48.4068, 48.6095, 60.2573



48.6950, 48.6095, 46.9508



44.0649, 48.6095, 46.2176



43.7954, 48.6095, 59.3909

Rectangle

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



48.4068, 48.6095, 60.2573



49.5515, 48.6095, 52.6748



44.0649, 48.6095, 46.2176



43.0067, 48.6095, 53.1809

Sweetspot

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



48.4082, 48.6116, 60.2584



92.6282, 96.3683, 108.3266



47.7270, 50.5055, 60.6598



19.8517, 20.6648, 23.1924



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.



48.4082, 48.6116, 60.2584



83.4611, 82.7405, 106.1794



50.1190, 49.5042, 59.8581



10.6178, 10.5767, 13.3994



11.0209, 4.9157, 35.1123



0.6040, 0.2751, 1.6664

Inverse Universe

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



49.2037, 49.1380, 55.0380



85.2241, 83.9062, 94.6557



48.0137, 53.7451, 52.5364



10.8234, 10.7127, 12.0533



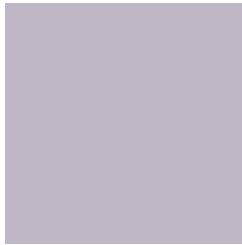
16.2960, 8.2679, 6.7684



0.8079, 0.4060, 0.5113

Previews

White Background



This preview shows how the XYZ color 48.4068, 48.6095, 60.2573 looks on a white background.

Color Contrast Check

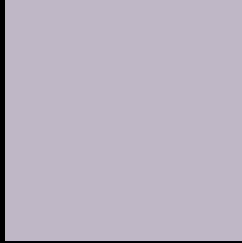
Large Text (above 18pt) WCAG AA × Fail

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 48.4068, 48.6095, 60.2573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

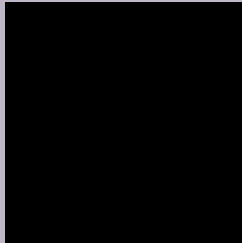
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.4068, 48.6095, 60.2573

Background



This preview shows how black text looks on a background with the XYZ color 48.4068, 48.6095, 60.2573.



This preview shows how white text looks on a background with the XYZ color 48.4068, 48.6095,

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

48.4068, 48.6095, 60.2573

Protanopia

47.2165, 48.5948, 60.9240

Deuteranopia

49.5403, 48.5901, 60.1938



Tritanopia

48.2919, 48.5635, 59.6518

Trichromacy



Original Color

48.4068, 48.6095, 60.2573

Protanomaly

47.7358, 48.5553, 60.8890

Deuteranomaly

49.2226, 48.7271, 60.2370

Tritanomaly

48.2919, 48.5635, 59.6518

Monochromacy



Original Color

48.4068, 48.6095, 60.2573

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.4920, 49.1509, 56.2742

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4068, 48.6095, 60.2573 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, 182, 198)` looks like.

```
.text, #text, p{  
    color:rgb(191, 182, 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(191, 182, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 182, 198) }
```

Border

The CSS property to change the border of an element to XYZ 48.4068, 48.6095, 60.2573 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, 182, 198) }
```


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

```
.border{ border-color:rgb(191, 182, 198) }
```

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

Here you see how a box with a 4 pixel rgb(191, 182, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 182, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 182, 198);  
box-shadow:4px 4px 4px 4px rgb(191, 182,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4068, 48.6095, 60.2573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 182, 198) }
```

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

```
.background{ background-color: rgb(191,  
182, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor