

Converting Colors

XYZ(48.9023, 47.1024, 59.3814)

Have a look what the booklet for
XYZ(48.9023, 47.1024, 59.3814)
contains.

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Color

**XYZ(48.8921, 47.0877,
59.3353)**

Conversions

Conversions Part 1

Format	Color
Hex	C6B0C5
RGB	198, 176, 197
RGB Percent	78%, 69%, 77%
CMY	0.2235, 0.3098, 0.2274
CMYK	0.00, 0.11, 0.01, 0.22
HSL	303°, 16%, 73%
HSV	303°, 11%, 78%
XYZ	48.8921, 47.0877, 59.3353
YIQ	184.9720, 6.3710, 11.1950

Conversions

Conversions Part 2

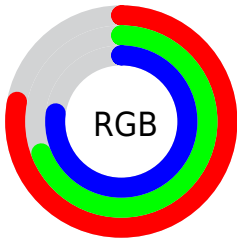
Format	Color
R _Y B	198, 176, 197
Decimal	13021381
CIE Lab	74.25, 11.63, -7.76
CIE LCh	74, 13.986, 326.279
Yxy	47.0877, 0.3148, 0.3032
Android (android.graphics.Color)	4291211461 (0xFFC6B0C5)
YUV	184.9720, 5.9298, 11.4256
Hunter-Lab	68.6205, 7.0954, -3.2330

Details

The XYZ color **48.8921, 47.0877, 59.3353** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.0362, 52.7939, 49.3613**, and the grayscale version is **46.0653, 48.4643, 52.7776**.

A 20% lighter version of the original color is **87.9860, 86.1290, 105.7531**, and **23.5425, 22.0784, 29.0073** is the 20% darker color. If you saturate the color by 10%, you get **45.1872, 39.8417, 57.5935**, and if you desaturate by 10%, it is **53.1666, 55.4705, 61.2712**.

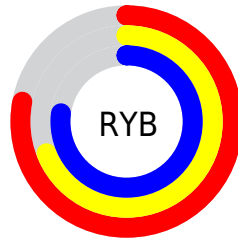
Distribution



Red (78%)

Green (69%)

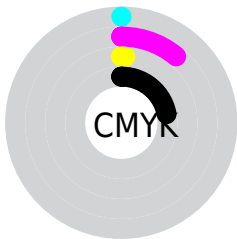
Blue (77%)



Red (78%)

Yellow (69%)

Blue (77%)

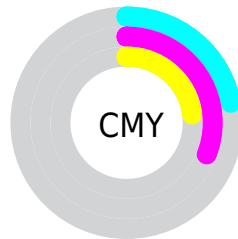


Cyan (0%)

Magenta (11%)

Yellow (1%)

Black (22%)



Cyan (22%)

Magenta (31%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.8921, 47.0877, 59.3353 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 48.8921, 47.0877, 59.3353 by changing the saturation by 10% instead.

■ 48.8921, 47.0877,
59.3353

■ 48.8921, 47.0877,
59.3353

372.8414,
375.1645, 439.8798

■ 34.7481, 33.1050,
42.4613

■ 87.7329, 85.8445,
105.3987

■ 23.6345, 22.2069,
29.1344

113.1603,
111.3874, 135.4253

■ 15.1860, 14.0090,
18.9361

143.0796,
141.5525, 170.6731

■ 9.0372, 8.1269,
11.4477

177.8561,
176.7242, 211.5606

■ 4.8227, 4.1763,
6.2509

217.8552,
217.2868, 258.5066

■ 2.1773, 1.7726,
2.9270

263.4422,

■ 0.7307, 0.4700,

263.6248, 311.9294

1.0575

314.9825,
316.1226, 372.2476

■ 0.0000, 0.0000,
0.0000

■ 48.8921, 47.0877,
59.3353

■ 48.8921, 47.0877,
59.3353

■ 45.1872, 39.8417,
57.5935

■ 53.1666, 55.4705,
61.2712

■ 42.0233, 33.6776,
56.0345

■ 58.0296, 65.0298,
63.4056

■ 39.3757, 28.5451,
54.6506

■ 63.5040, 75.8110,
65.7470

■ 37.2161, 24.3873,
53.4324

■ 69.5449, 87.7243,
68.2802

■ 35.5132, 21.1423,
52.3694

■ 69.6508, 87.7667,
68.8382

34.2324, 18.7405,
51.4502

69.7574, 87.8093,
69.3994

33.3342, 17.1027,
50.6615

69.8646, 87.8522,
69.9640

32.7714, 16.1348,
49.9876

69.9724, 87.8953,
70.5318

32.4743, 15.6800,
49.4588

70.0809, 87.9387,
71.1029

Harmonies

Analogous

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



46.9271, 47.0877, 64.6935



48.8921, 47.0877, 59.3353



49.7478, 47.0877, 52.1730

Triad

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



48.8921, 47.0877, 59.3353



45.0695, 47.0877, 38.6743



40.5648, 47.0877, 57.6387

Complementary

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



48.8921, 47.0877, 59.3353



46.0362, 52.7939, 49.3613

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.



40.1088, 47.0877, 50.3785



48.8921, 47.0877, 59.3353



42.6519, 47.0877, 39.8459

Square

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



48.8921, 47.0877, 59.3353



47.4893, 47.0877, 40.6091



40.8590, 47.0877, 43.9717



42.1286, 47.0877, 63.6514

Rectangle

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



48.8921, 47.0877, 59.3353



49.5513, 47.0877, 47.4917



40.8590, 47.0877, 43.9717



40.2795, 47.0877, 55.2446

Sweetspot

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



48.8935, 47.0897, 59.3363



92.6019, 95.1934, 107.8080



43.7913, 44.4462, 59.6978



19.6841, 20.1073, 23.0141



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.



48.8935, 47.0897, 59.3363



85.1297, 80.5462, 104.4009



47.7069, 46.6151, 53.0881



11.0615, 10.8080, 13.3070



21.1274, 10.2005, 32.2105



1.0070, 0.4856, 1.5599

Inverse Universe

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



48.8935, 47.0897, 59.3363



85.1297, 80.5462, 104.4009



47.1486, 53.2389, 55.2191



11.0615, 10.8080, 13.3070



21.1274, 10.2005, 32.2105



1.0070, 0.4856, 1.5599

Previews

White Background



This preview shows how the XYZ color 48.8921, 47.0877, 59.3353 looks on a white background.

Color Contrast Check

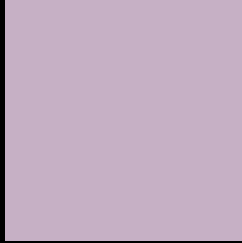
Large Text (above 18pt) WCAG AA × Fail

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 48.8921, 47.0877, 59.3353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

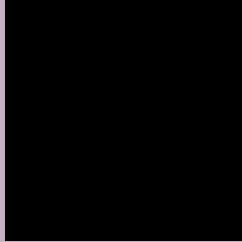
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.8921, 47.0877, 59.3353

Background



This preview shows how black text looks on a background with the XYZ color 48.8921, 47.0877, 59.3353.



This preview shows how white text looks on a background with the XYZ color 48.8921, 47.0877,

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

48.8921, 47.0877, 59.3353

Protanopia

46.0053, 47.0416, 61.2988

Deuteranopia

48.0483, 46.9448, 59.3522



Tritanopia

48.1521, 47.0762, 55.8389

Trichromacy



Original Color

48.8921, 47.0877, 59.3353

Protanomaly

46.9224, 46.9285, 60.6179

Deuteranomaly

48.3059, 47.0776, 59.3642

Tritanomaly

48.3737, 47.1649, 57.0062

Monochromacy



Original Color

48.8921, 47.0877, 59.3353

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

47.1485, 48.0772, 54.9389

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.8921, 47.0877, 59.3353 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(198, 176, 197)` looks like.

```
.text, #text, p{  
    color:rgb(198, 176, 197)  
}
```

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(198, 176, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 176, 197) }
```

Border

The CSS property to change the border of an element to XYZ 48.8921, 47.0877, 59.3353 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(198, 176, 197) }
```


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

```
.border{ border-color:rgb(198, 176, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 176, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 176, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 176, 197);  
box-shadow:4px 4px 4px 4px rgb(198, 176,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 48.8921, 47.0877, 59.3353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 176, 197) }
```

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

```
.background{ background-color: rgb(198,  
176, 197) }
```

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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