

Converting Colors

XYZ(48.8692, 48.2122, 53.0729)

Have a look what the booklet for
XYZ(48.8692, 48.2122, 53.0729)
contains.

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Color

**XYZ(48.8024, 48.0647,
53.1596)**

Conversions

Conversions Part 1

Format	Color
Hex	C8B3BA
RGB	200, 179, 186
RGB Percent	78%, 70%, 73%
CMY	0.2157, 0.2980, 0.2706
CMYK	0.00, 0.10, 0.07, 0.22
HSL	340°, 16%, 74%
HSV	340°, 10%, 78%
XYZ	48.8024, 48.0647, 53.1596
YIQ	186.0770, 10.2690, 6.6290

Conversions

Conversions Part 2

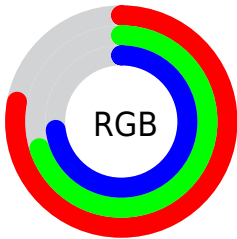
Format	Color
RYB	200, 179, 186
Decimal	13153210
CIELab	74.87, 8.72, -0.82
CIELCh	75, 8.754, 354.630
Yxy	48.0647, 0.3253, 0.3204
Android (android.graphics.Color)	4291343290 (0xFFC8B3BA)
YUV	186.0770, -0.0380, 12.2105
Hunter-Lab	69.3287, 4.3259, 3.0679

Details

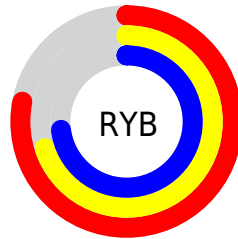
The XYZ color **48.8024, 48.0647, 53.1596** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.8721, 54.7437, 58.4454**, and the grayscale version is **46.7125, 49.1452, 53.5191**.

A 20% lighter version of the original color is **86.9753, 87.0875, 96.2299**, and **23.5486, 22.7262, 25.3357** is the 20% darker color. If you saturate the color by 10%, you get **43.7291, 40.0816, 44.7975**, and if you desaturate by 10%, it is **54.5922, 57.2677, 62.4145**.

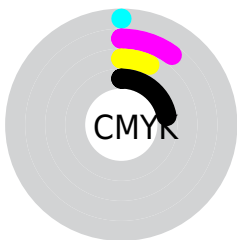
Distribution



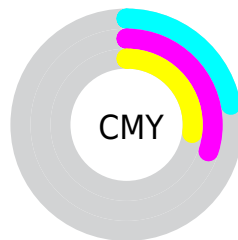
- Red (78%)
- Green (70%)
- Blue (73%)



- Red (78%)
- Yellow (70%)
- Blue (73%)



- Cyan (0%)
- Magenta (10%)
- Yellow (7%)
- Black (22%)





- Cyan (22%)
- Magenta (30%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.8024, 48.0647, 53.1596 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 48.8024, 48.0647, 53.1596 by changing the saturation by 10% instead.


 48.8024, 48.0647,
53.1596

 48.8024, 48.0647,
53.1596


372.4938,
379.0485, 415.9808

 34.6766, 33.8781,
37.5416


 87.6004, 87.3007,
96.2831

 23.5792, 22.8000,
25.3280


113.0033,
113.1190, 124.6257

 15.1448, 14.4459,
16.1004


142.8961,
143.5832, 158.0469

 9.0081, 8.4314,
9.4401

177.6439,
179.0779, 196.9652

 4.8036, 4.3722,
4.9286

217.6123,
219.9874, 241.7992

 2.1661, 1.8839,
2.1474

263.1664,

 0.7248, 0.5387,

266.6960, 292.9675

0.6438

314.6718,
319.5883, 350.8885

■ 0.0000, 0.0000,
0.0000

■ 48.8024, 48.0647,
53.1596

■ 48.8024, 48.0647,
53.1596

■ 43.7291, 40.0816,
44.7975

■ 54.5922, 57.2677,
62.4145

■ 39.3396, 33.2607,
37.2978

■ 61.1211, 67.7326,
72.5852

■ 35.6049, 27.5494,
30.6329

■ 68.4162, 79.5068,
83.6976

■ 32.4920, 22.8880,
24.7723

■ 75.2104, 90.0518,
95.3453

■ 29.9652, 19.2118,
19.6837

■ 77.2582, 90.8709,
106.1285

■ 27.9847, 16.4482,
15.3322

■ 77.6297, 91.0195,
108.0847

■ 26.5057, 14.5150,
11.6800

■ 25.4754, 13.3145,
8.6850

■ 24.8222, 12.6805,
6.3939

Harmonies

Analogous

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



48.2279, 48.0647, 57.5788



48.8024, 48.0647, 53.1596



48.5257, 48.0647, 48.7624

Triad

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



48.8024, 48.0647, 53.1596



44.4192, 48.0647, 44.7574



43.9336, 48.0647, 59.8193

Complementary

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



48.8024, 48.0647, 53.1596



48.8721, 54.7437, 58.4454

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.



42.9556, 48.0647, 56.0765



48.8024, 48.0647, 53.1596



43.2313, 48.0647, 47.4183

Square

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



48.8024, 48.0647, 53.1596



45.9713, 48.0647, 44.0764



42.7015, 48.0647, 51.5176



45.3980, 48.0647, 61.5641

Rectangle

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



48.8024, 48.0647, 53.1596



47.8990, 48.0647, 46.4095



42.7015, 48.0647, 51.5176



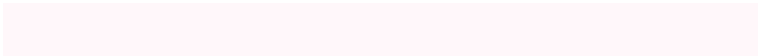
43.5385, 48.0647, 58.7430

Sweetspot

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



48.8038, 48.0668, 53.1606



91.8474, 94.8916, 103.8346



48.5394, 47.7500, 61.3025



19.4802, 20.0258, 21.9404



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.



48.8038, 48.0668, 53.1606



82.0146, 79.3002, 87.9971



48.7882, 49.1971, 49.5749



10.7772, 10.6943, 11.8101



15.8201, 8.0776, 4.2626



0.7829, 0.3960, 0.3797

Inverse Universe

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



48.8038, 48.0668, 53.1606



82.0146, 79.3002, 87.9971



48.8702, 53.4609, 62.3874



10.7772, 10.6943, 11.8101



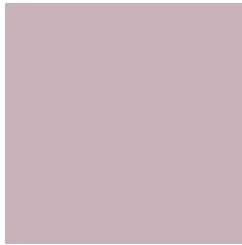
15.8201, 8.0776, 4.2626



0.7829, 0.3960, 0.3797

Previews

White Background



This preview shows how the XYZ color 48.8024, 48.0647, 53.1596 looks on a white background.

Color Contrast Check

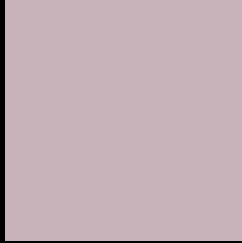
Large Text (above 18pt) WCAG AA × Fail

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 48.8024, 48.0647, 53.1596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

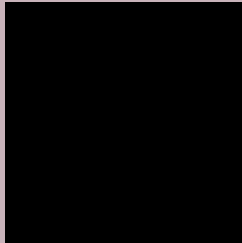
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.8024, 48.0647, 53.1596

Background



This preview shows how black text looks on a background with the XYZ color 48.8024, 48.0647, 53.1596.



This preview shows how white text looks on a background with the XYZ color 48.8024, 48.0647,

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

48.8024, 48.0647, 53.1596

Protanopia

46.3685, 47.9802, 54.9613

Deuteranopia

49.0704, 48.2029, 53.1722



Tritanopia

49.5222, 48.0641, 56.5364

Trichromacy



Original Color

48.8024, 48.0647, 53.1596

Protanomaly

47.2909, 48.1631, 54.3809

Deuteranomaly

49.0704, 48.2029, 53.1722

Tritanomaly

49.3021, 47.9760, 55.3770

Monochromacy



Original Color

48.8024, 48.0647, 53.1596

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

47.2823, 48.4885, 53.3215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.8024, 48.0647, 53.1596 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(200, 179, 186)` looks like.

```
.text, #text, p{  
    color:rgb(200, 179, 186)  
}
```

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(200, 179, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 179, 186) }
```

Border

The CSS property to change the border of an element to XYZ 48.8024, 48.0647, 53.1596 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(200, 179, 186) }
```


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

```
.border{ border-color:rgb(200, 179, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 179, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 179, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 179, 186);  
box-shadow:4px 4px 4px 4px rgb(200, 179,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 48.8024, 48.0647, 53.1596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 179, 186) }
```

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

```
.background{ background-color: rgb(200,  
179, 186) }
```

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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