

Converting Colors

XYZ(48.4189, 48.4976, 51.9118)

Have a look what the booklet for
XYZ(48.4189, 48.4976, 51.9118)
contains.

XYZ(48.4643, 48.5142, 52.1572)	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(48.4643, 48.5142,
52.1572)**

Conversions

Conversions Part 1

Format	Color
Hex	C6B5B8
RGB	198, 181, 184
RGB Percent	78%, 71%, 72%
CMY	0.2235, 0.2902, 0.2784
CMYK	0.00, 0.09, 0.07, 0.22
HSL	349°, 13%, 74%
HSV	349°, 9%, 78%
XYZ	48.4643, 48.5142, 52.1572
YIQ	186.4250, 9.1690, 4.5370

Conversions

Conversions Part 2

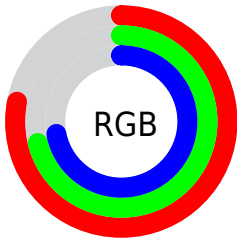
Format	Color
RYB	198, 181, 184
Decimal	13022648
CIELab	75.15, 6.57, 0.66
CIELCh	75, 6.606, 5.767
Yxy	48.5142, 0.3250, 0.3253
Android (android.graphics.Color)	4291212728 (0xFFC6B5B8)
YUV	186.4250, -1.1955, 10.1513
Hunter-Lab	69.6521, 2.3099, 4.3587

Details

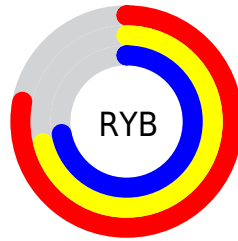
The XYZ color **48.4643, 48.5142, 52.1572** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.1023, 54.1533, 59.4971**, and the grayscale version is **46.9145, 49.3577, 53.7506**.

A 20% lighter version of the original color is **87.2524, 88.1196, 94.8482**, and **23.3175, 23.0063, 24.6844** is the 20% darker color. If you saturate the color by 10%, you get **43.1088, 40.3829, 42.4181**, and if you desaturate by 10%, it is **54.5918, 57.8729, 63.1273**.

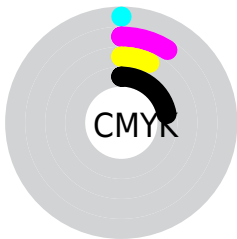
Distribution



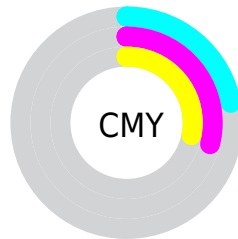
- Red (78%)
- Green (71%)
- Blue (72%)



- Red (78%)
- Yellow (71%)
- Blue (72%)



- Cyan (0%)
- Magenta (9%)
- Yellow (7%)
- Black (22%)



- Cyan (22%)
- Magenta (29%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.4643, 48.5142, 52.1572 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 48.4643, 48.5142, 52.1572 by changing the saturation by 10% instead.

■ 48.4643, 48.5142,
52.1572

■ 48.4643, 48.5142,
52.1572

371.1816,
380.8267, 412.0174

■ 34.4075, 34.2343,
36.7473

■ 87.1008, 87.9695,
94.7920

■ 23.3712, 23.0736,
24.7176

112.4112,
113.9137, 122.8539

■ 14.9900, 14.6479,
15.6497

142.2036,
144.5147, 155.9703

■ 8.8987, 8.5726,
9.1250

176.8432,
180.1570, 194.5596

■ 4.7317, 4.4635,
4.7249

216.6955,
221.2249, 239.0405

■ 2.1239, 1.9361,
2.0308

262.1257,

■ 0.7021, 0.5699,

268.1029, 289.8313

0.5741

313.4993,
321.1754, 347.3508

■ 0.0000, 0.0000,
0.0000

■ 48.4643, 48.5142,
52.1572

■ 48.4643, 48.5142,
52.1572

■ 43.1088, 40.3829,
42.4181

■ 54.5918, 57.8729,
63.1273

■ 38.4907, 33.4220,
33.8637

■ 61.5162, 68.5004,
75.3663

■ 34.5784, 27.5794,
26.4496

■ 69.2663, 80.4440,
88.9143

■ 31.3367, 22.7965,
20.1271

■ 76.1851, 90.3804,
103.2474

■ 28.7275, 19.0095,
14.8440

■ 77.0990, 90.7459,
108.0599

■ 26.7083, 16.1476,
10.5440

■ 25.2317, 14.1308,
7.1649

■ 24.2424, 12.8650,
4.6375

■ 23.6568, 12.2017,
2.8765

Harmonies

Analogous

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



48.2649, 48.5142, 55.6052



48.4643, 48.5142, 52.1572



48.0244, 48.5142, 49.0252

Triad

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



48.4643, 48.5142, 52.1572



44.7652, 48.5142, 47.6012



45.1632, 48.5142, 59.1336

Complementary

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



48.4643, 48.5142, 52.1572



49.1023, 54.1533, 59.4971

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.



44.2497, 48.5142, 56.8135



48.4643, 48.5142, 52.1572



44.0227, 48.5142, 50.1366

Square

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



48.4643, 48.5142, 52.1572



45.8780, 48.5142, 46.4697



43.8357, 48.5142, 53.4959



46.3454, 48.5142, 59.7321

Rectangle

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



48.4643, 48.5142, 52.1572



47.4321, 48.5142, 47.5058



43.8357, 48.5142, 53.4959



44.8152, 48.5142, 58.5244

Sweetspot

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



48.4657, 48.5163, 52.1582



91.6598, 94.8166, 102.8468



49.1940, 48.7137, 60.2366



19.4297, 20.0056, 21.6746



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.



48.4657, 48.5163, 52.1582



84.2485, 83.5160, 89.5185



49.2705, 50.6234, 50.8931



10.7089, 10.6670, 11.4506



15.3642, 7.8952, 1.8618



0.7516, 0.3835, 0.2151

Inverse Universe

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



48.4657, 48.5163, 52.1582



84.2485, 83.5160, 89.5185



48.2361, 51.8732, 60.8969



10.7089, 10.6670, 11.4506



15.3642, 7.8952, 1.8618



0.7516, 0.3835, 0.2151

Previews

White Background



This preview shows how the XYZ color 48.4643, 48.5142, 52.1572 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 48.4643, 48.5142, 52.1572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

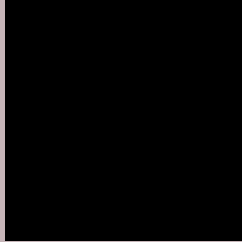
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.4643, 48.5142, 52.1572

Background



This preview shows how black text looks on a background with the XYZ color 48.4643, 48.5142, 52.1572.



This preview shows how white text looks on a background with the XYZ color 48.4643, 48.5142,

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

48.4643, 48.5142, 52.1572

Protanopia

46.7425, 48.5175, 53.3556

Deuteranopia

49.4004, 48.3974, 52.0853



Tritanopia

49.6121, 48.6797, 57.8202

Trichromacy



Original Color

48.4643, 48.5142, 52.1572

Protanomaly

47.4287, 48.5762, 52.7753

Deuteranomaly

49.0604, 48.5207, 52.1271

Tritanomaly

49.1687, 48.5023, 55.4856

Monochromacy



Original Color

48.4643, 48.5142, 52.1572

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

47.1327, 48.7309, 52.8208

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4643, 48.5142, 52.1572 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, 181, 184)` looks like.

```
.text, #text, p{  
    color:rgb(198, 181, 184)  
}
```

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, 181, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 181, 184) }
```

Border

The CSS property to change the border of an element to XYZ 48.4643, 48.5142, 52.1572 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, 181, 184) }
```


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

```
.border{ border-color:rgb(198, 181, 184) }
```

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

Here you see how a box with a 4 pixel rgb(198, 181, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 181, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 181, 184);  
box-shadow:4px 4px 4px 4px rgb(198, 181,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 48.4643, 48.5142, 52.1572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 181, 184) }
```

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

```
.background{ background-color: rgb(198,  
181, 184) }
```

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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