

Converting Colors

XYZ(48.9644, 48.1605, 52.6141)

Have a look what the booklet for
XYZ(48.9644, 48.1605, 52.6141)
contains.

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Color

**XYZ(48.9644, 48.1605,
52.6141)**

Conversions

Conversions Part 1

Format	Color
Hex	C9B3B9
RGB	201, 179, 185
RGB Percent	79%, 70%, 73%
CMY	0.2118, 0.2980, 0.2745
CMYK	0.00, 0.11, 0.08, 0.21
HSL	344°, 17%, 75%
HSV	344°, 11%, 79%
XYZ	48.9644, 48.1605, 52.6141
YIQ	186.2620, 11.1860, 6.5300

Conversions

Conversions Part 2

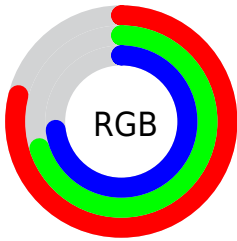
Format	Color
R _Y B	201, 179, 185
Decimal	13218745
CIE Lab	74.93, 8.90, -0.17
CIE LCh	75, 8.900, 358.875
Yxy	48.1605, 0.3270, 0.3216
Android (android.graphics.Color)	4291408825 (0xFFC9B3B9)
YUV	186.2620, -0.6222, 12.9252
Hunter-Lab	69.3978, 4.4967, 3.6276

Details

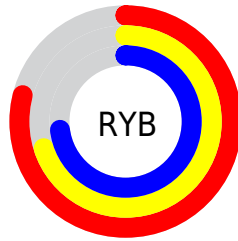
The XYZ color **48.9644, 48.1605, 52.6141** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.3292, 55.2983, 59.7061**, and the grayscale version is **46.8191, 49.2573, 53.6412**.

A 20% lighter version of the original color is **86.8255, 87.0275, 95.4409**, and **23.6583, 22.7907, 24.9819** is the 20% darker color. If you saturate the color by 10%, you get **43.7611, 40.0979, 43.6524**, and if you desaturate by 10%, it is **54.9164, 57.4653, 62.6096**.

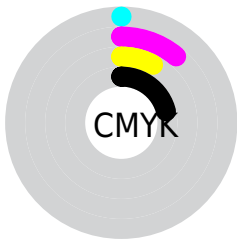
Distribution



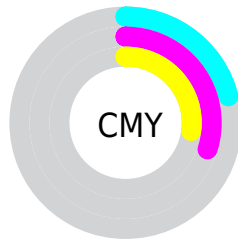
- Red (79%)
- Green (70%)
- Blue (73%)



- Red (79%)
- Yellow (70%)
- Blue (73%)



- Cyan (0%)
- Magenta (11%)
- Yellow (8%)
- Black (21%)





- Cyan (21%)
- Magenta (30%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.9644, 48.1605, 52.6141 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 48.9644, 48.1605, 52.6141 by changing the saturation by 10% instead.


 48.9644, 48.1605,
52.6141

 48.9644, 48.1605,
52.6141


373.1214,
379.4280, 413.8270

 34.8057, 33.9540,
37.1092


 87.8396, 87.4433,
95.4721

 23.6790, 22.8583,
24.9956


113.2868,
113.2884, 123.6622

 15.2191, 14.4889,
15.8548


143.2275,
143.7819, 156.9178

 9.0606, 8.4615,
9.2682

178.0271,
179.3081, 195.6574

 4.8382, 4.3916,
4.8173

218.0510,
220.2514, 240.2996

 2.1864, 1.8950,
2.0836

263.6644,

 0.7356, 0.5453,

266.9962, 291.2629

0.6060

315.2328,
319.9269, 348.9659

■ 0.0000, 0.0000,
0.0000

■ 48.9644, 48.1605,
52.6141

■ 48.9644, 48.1605,
52.6141

■ 43.7611, 40.0979,
43.6524

■ 54.9164, 57.4653,
62.6096

■ 39.2724, 33.2185,
35.6879

■ 61.6412, 68.0552,
73.6679

■ 35.4674, 27.4683,
28.6863

■ 69.1673, 79.9789,
85.8205

■ 32.3115, 22.7863,
22.6098

■ 76.0984, 90.4379,
98.6230

■ 29.7669, 19.1059,
17.4184

■ 77.8976, 91.1576,
108.0973

■ 27.7918, 16.3529,
13.0688

■ 26.3386, 14.4426,
9.5138

■ 25.3517, 13.2747,
6.7007

■ 24.7723, 12.6915,
4.7327

Harmonies

Analogous

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



48.4970, 48.1605, 57.1920



48.9644, 48.1605, 52.6141



48.5606, 48.1605, 48.2428

Triad

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



48.9644, 48.1605, 52.6141



44.2856, 48.1605, 45.0000



44.1820, 48.1605, 60.4618

Complementary

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



48.9644, 48.1605, 52.6141



49.3292, 55.2983, 59.7061

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.



43.0982, 48.1605, 56.8709



48.9644, 48.1605, 52.6141



43.1570, 48.1605, 47.9561

Square

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



48.9644, 48.1605, 52.6141



45.8363, 48.1605, 44.0063



42.7274, 48.1605, 52.2635



45.7139, 48.1605, 61.8847

Rectangle

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



48.9644, 48.1605, 52.6141



47.8570, 48.1605, 45.9944



42.7274, 48.1605, 52.2635



43.7545, 48.1605, 59.4582

Sweetspot

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



48.9658, 48.1626, 52.6151



91.7748, 94.8626, 103.4523



49.1097, 48.0306, 61.9413



19.4606, 20.0180, 21.8375



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.



48.9658, 48.1626, 52.6151



81.7293, 79.1860, 86.4945



49.3177, 49.8583, 49.6747



10.7507, 10.6837, 11.6703



15.6091, 7.9932, 3.1516



0.7704, 0.3910, 0.3143

Inverse Universe

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



48.9658, 48.1626, 52.6151



81.7293, 79.1860, 86.4945



48.9272, 53.3873, 62.9848



10.7507, 10.6837, 11.6703



15.6091, 7.9932, 3.1516



0.7704, 0.3910, 0.3143

Previews

White Background



This preview shows how the XYZ color 48.9644, 48.1605, 52.6141 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 48.9644, 48.1605, 52.6141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

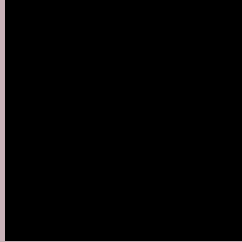
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.9644, 48.1605, 52.6141

Background



This preview shows how black text looks on a background with the XYZ color 48.9644, 48.1605, 52.6141.



This preview shows how white text looks on a background with the XYZ color 48.9644, 48.1605,

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

48.9644, 48.1605, 52.6141

Protanopia

46.7111, 48.4766, 54.4719

Deuteranopia

49.2342, 48.2995, 52.6268



Tritanopia

49.7919, 48.2031, 56.5490

Trichromacy



Original Color

48.9644, 48.1605, 52.6141

Protanomaly

47.4358, 48.2502, 53.8268

Deuteranomaly

49.2342, 48.2995, 52.6268

Tritanomaly

49.4628, 48.0715, 54.8159

Monochromacy



Original Color

48.9644, 48.1605, 52.6141

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 48.9644, 48.1605, 52.6141 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(201, 179, 185)` looks like.

```
.text, #text, p{  
    color:rgb(201, 179, 185)  
}
```

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(201, 179, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 179, 185) }
```

Border

The CSS property to change the border of an element to XYZ 48.9644, 48.1605, 52.6141 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(201, 179, 185) }
```


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

```
.border{ border-color:rgb(201, 179, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 179, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 179, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 179, 185);  
box-shadow:4px 4px 4px 4px rgb(201, 179,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9644, 48.1605, 52.6141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 179, 185) }
```

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

```
.background{ background-color: rgb(201,  
179, 185) }
```

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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