

Converting Colors

XYZ(48.4259, 48.9110, 51.1640)

Have a look what the booklet for
XYZ(48.4259, 48.9110, 51.1640)
contains.

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Color

**XYZ(48.4601, 48.8391,
51.1287)**

Conversions

Conversions Part 1

Format	Color
Hex	C6B6B6
RGB	198, 182, 182
RGB Percent	78%, 71%, 71%
CMY	0.2235, 0.2863, 0.2863
CMYK	0.00, 0.08, 0.08, 0.22
HSL	0°, 12%, 75%
HSV	0°, 8%, 78%
XYZ	48.4601, 48.8391, 51.1287
YIQ	186.7840, 9.5360, 3.3920

Conversions

Conversions Part 2

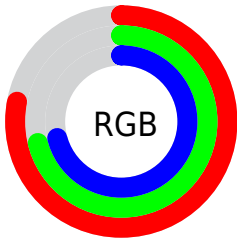
Format	Color
RYB	198, 182, 182
Decimal	13022902
CIELab	75.35, 5.69, 2.05
CIELCh	75, 6.044, 19.821
Yxy	48.8391, 0.3265, 0.3290
Android (android.graphics.Color)	4291212982 (0xFFC6B6B6)
YUV	186.7840, -2.3585, 9.8364
Hunter-Lab	69.8850, 1.4779, 5.5422

Details

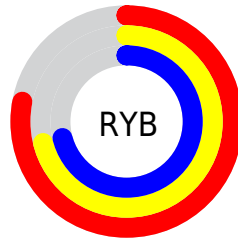
The XYZ color **48.4601, 48.8391, 51.1287** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.6782, 54.4092, 61.3102**, and the grayscale version is **47.1226, 49.5767, 53.9890**.

A 20% lighter version of the original color is **87.2472, 88.5821, 93.3886**, and **23.3143, 23.2148, 24.0210** is the 20% darker color. If you saturate the color by 10%, you get **42.7856, 40.5362, 39.8455**, and if you desaturate by 10%, it is **54.9998, 58.4082, 64.1290**.

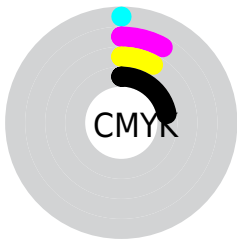
Distribution



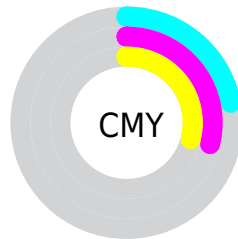
- Red (78%)
- Green (71%)
- Blue (71%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.4601, 48.8391, 51.1287 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 48.4601, 48.8391, 51.1287 by changing the saturation by 10% instead.


 48.4601, 48.8391,
51.1287

 48.4601, 48.8391,
51.1287


371.1653,
382.1085, 407.9244

 34.4042, 34.4919,
35.9336


 87.0946, 88.4524,
93.2584

 23.3686, 23.2717,
24.0936


112.4039,
114.4873, 121.0302

 14.9881, 14.7943,
15.1903


142.1950,
145.1869, 153.8312

 8.8973, 8.6751,
8.8049

176.8333,
180.9355, 192.0800

 4.7308, 4.5299,
4.5191

216.6841,
222.1176, 236.1952

 2.1233, 1.9742,
1.9142

262.1128,

 0.7019, 0.5924,

269.1175, 286.5953

0.5018

313.4847,
322.3197, 343.6989

■ 0.0000, 0.0000,
0.0000

■ 48.4601, 48.8391,
51.1287

■ 48.4601, 48.8391,
51.1287

■ 42.7856, 40.5362,
39.8455

■ 54.9998, 58.4082,
64.1290

■ 37.9363, 33.4404,
30.2045

■ 62.4344, 69.2865,
78.9104

■ 33.8748, 27.4974,
22.1304

■ 70.7973, 81.5232,
95.5380

■ 30.5598, 22.6465,
15.5402

■ 77.0989, 90.7459,
108.0599

■ 27.9456, 18.8212,
10.3438

■ 25.9821, 15.9478,
6.4409

■ 24.6122, 13.9429,
3.7183

■ 23.7689, 12.7087,
2.0428

■ 23.3514, 12.0977,
1.2135

Harmonies

Analogous

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



48.5558, 48.8391, 54.2667



48.4601, 48.8391, 51.1287



47.8128, 48.8391, 48.6362

Triad

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



48.4601, 48.8391, 51.1287



44.8061, 48.8391, 49.3250



46.0434, 48.8391, 59.4330

Complementary

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



48.4601, 48.8391, 51.1287



49.6782, 54.4092, 61.3102

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.



45.0547, 48.8391, 57.9929



48.4601, 48.8391, 51.1287



44.3479, 48.8391, 52.1029

Square

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



48.4601, 48.8391, 51.1287



45.6991, 48.8391, 47.6240



44.4382, 48.8391, 55.2803



47.1486, 48.8391, 59.1467

Rectangle

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



48.4601, 48.8391, 51.1287



47.1613, 48.8391, 47.6362



44.4382, 48.8391, 55.2803



45.6867, 48.8391, 59.1327

Sweetspot

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



48.4615, 48.8412, 51.1297



92.6345, 96.4657, 104.0977



50.2102, 49.5395, 60.3422



19.8529, 20.6846, 22.3315



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.



48.4615, 48.8412, 51.1297



83.6123, 83.2642, 86.1600



50.1462, 52.2106, 51.6913



10.6341, 10.6373, 11.0555



15.1457, 7.8085, 0.7089



0.7172, 0.3699, 0.0336

Inverse Universe

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



49.6782, 54.4092, 61.3102



86.2810, 95.4766, 108.4891



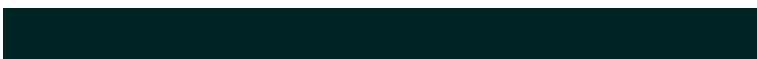
47.8985, 50.8498, 60.7169



10.9465, 12.0671, 13.6697



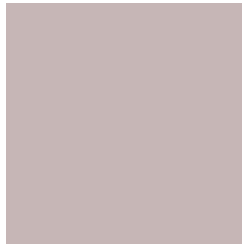
19.7547, 28.9034, 39.2821



0.9355, 1.3687, 1.8600

Previews

White Background



This preview shows how the XYZ color 48.4601, 48.8391, 51.1287 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 48.4601, 48.8391, 51.1287 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 48.4601, 48.8391, 51.1287

Background



This preview shows how black text looks on a background with the XYZ color 48.4601, 48.8391, 51.1287.



This preview shows how white text looks on a background with the XYZ color 48.4601, 48.8391,

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

48.4601, 48.8391, 51.1287

Protanopia

46.9870, 48.9774, 52.3245

Deuteranopia

49.9416, 48.9991, 51.0815



Tritanopia

49.8783, 48.8169, 57.8327

Trichromacy



Original Color

48.4601, 48.8391, 51.1287

Protanomaly

47.4260, 48.9063, 51.7400

Deuteranomaly

49.3245, 48.9817, 51.1107

Tritanomaly

49.3713, 48.9076, 55.5532

Monochromacy



Original Color

48.4601, 48.8391, 51.1287

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.5918, 49.2771, 52.9020

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.4601, 48.8391, 51.1287 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, 182, 182)` looks like.

```
.text, #text, p{  
    color:rgb(198, 182, 182)  
}
```

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, 182, 182) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 48.4601, 48.8391, 51.1287 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, 182, 182) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 48.4601, 48.8391, 51.1287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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