

Converting Colors

XYZ(47.3077, 48.5789, 51.7588)

Have a look what the booklet for
XYZ(47.3077, 48.5789, 51.7588)
contains.

XYZ(47.2190, 48.4923, 51.6710)	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(47.2190, 48.4923,
51.6710)**

Conversions

Conversions Part 1

Format	Color
Hex	C0B7B7
RGB	192, 183, 183
RGB Percent	75%, 72%, 72%
CMY	0.2471, 0.2823, 0.2823
CMYK	0.00, 0.05, 0.05, 0.25
HSL	0°, 7%, 74%
HSV	0°, 5%, 75%
XYZ	47.2190, 48.4923, 51.6710
YIQ	185.6910, 5.3640, 1.9080

Conversions

Conversions Part 2

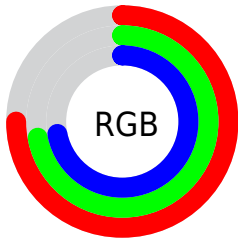
Format	Color
RYB	192, 183, 183
Decimal	12629943
CIELab	75.13, 3.18, 1.13
CIElCh	75, 3.374, 19.527
Yxy	48.4923, 0.3204, 0.3290
Android (android.graphics.Color)	4290820023 (0xFFC0B7B7)
YUV	185.6910, -1.3267, 5.5330
Hunter-Lab	69.6364, -0.8266, 4.7516

Details

The XYZ color **47.2190, 48.4923, 51.6710** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.8926, 51.5718, 57.3001**, and the grayscale version is **46.5055, 48.9274, 53.2819**.

A 20% lighter version of the original color is **85.1579, 87.9215, 94.1436**, and **22.6594, 23.0659, 24.3770** is the 20% darker color. If you saturate the color by 10%, you get **41.6631, 40.3631, 40.6229**, and if you desaturate by 10%, it is **53.5901, 57.8145, 64.3371**.

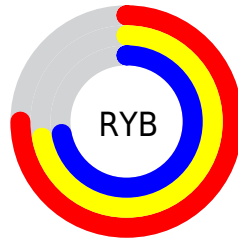
Distribution



Red (75%)

Green (72%)

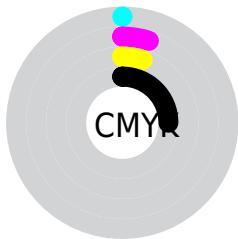
Blue (72%)



Red (75%)

Yellow (72%)

Blue (72%)

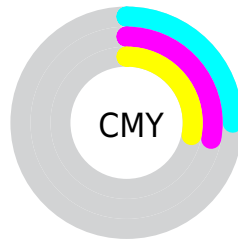


Cyan (0%)

Magenta (5%)

Yellow (5%)

Black (25%)



Cyan (25%)

Magenta (28%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.2190, 48.4923, 51.6710 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 47.2190, 48.4923, 51.6710 by changing the saturation by 10% instead.

■ 47.2190, 48.4923,
51.6710

■ 47.2190, 48.4923,
51.6710

366.3223,
380.7402, 410.0859

■ 33.4175, 34.2169,
36.3625

■ 85.2572, 87.9369,
94.0675

■ 22.6072, 23.0603,
24.4224

110.2246,
113.8750, 121.9925

■ 14.4229, 14.6380,
15.4321

139.6446,
144.4694, 154.9601

■ 8.4990, 8.5657,
8.9732

173.8827,
180.1045, 193.3889

■ 4.4704, 4.4590,
4.6272

213.3041,
221.1647, 237.6973

■ 1.9715, 1.9335,
1.9753

258.2743,

■ 0.6179, 0.5684,

268.0345, 288.3039

0.5400

309.1586,
321.0982, 345.6273

■ 0.0000, 0.0000,
0.0000

■ 47.2190, 48.4923,
51.6710

■ 47.2190, 48.4923,
51.6710

■ 41.6631, 40.3631,
40.6229

■ 53.5901, 57.8145,
64.3371

■ 36.8857, 33.3728,
31.1246

■ 60.8032, 68.3684,
78.6792

■ 32.8533, 27.4724,
23.1077

■ 68.8889, 80.1989,
94.7566

■ 29.5284, 22.6071,
16.4978

■ 75.5486, 89.9466,
107.9873

■ 26.8701, 18.7172,
11.2135

■ 24.8336, 15.7369,
7.1656

■ 23.3683, 13.5925,
4.2537

■ 22.4160, 12.1986,
2.3616

■ 21.9059, 11.4518,
1.3488

Harmonies

Analogous

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



47.2683, 48.4923, 53.4206



47.2190, 48.4923, 51.6710



46.8657, 48.4923, 50.2542

Triad

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



47.2190, 48.4923, 51.6710



45.1928, 48.4923, 50.6225



45.8749, 48.4923, 56.2160

Complementary

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



47.2190, 48.4923, 51.6710



47.8926, 51.5718, 57.3001

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.



45.3238, 48.4923, 55.4300



47.2190, 48.4923, 51.6710



44.9323, 48.4923, 52.1840

Square

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



47.2190, 48.4923, 51.6710



45.6946, 48.4923, 49.6583



44.9801, 48.4923, 53.9451



46.4886, 48.4923, 56.0712

Rectangle

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



47.2190, 48.4923, 51.6710



46.5072, 48.4923, 49.6768



44.9801, 48.4923, 53.9451



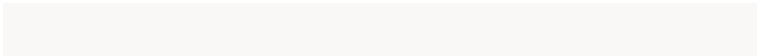
45.6763, 48.4923, 56.0512

Sweetspot

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



47.2204, 48.4944, 51.6720



89.6228, 93.8133, 101.7046



48.1869, 48.8800, 56.7650



19.2395, 20.1443, 21.8438



92.9021, 97.7402, 106.4391



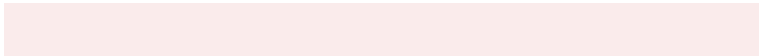
19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



47.2204, 48.4944, 51.6720



84.0532, 85.6641, 90.6308



48.1628, 50.3794, 51.9862



10.4358, 10.6086, 11.1966



14.6281, 7.5420, 0.6848



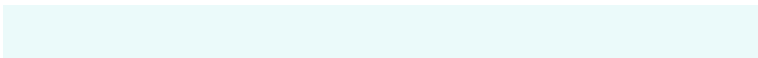
0.6321, 0.3261, 0.0296

Inverse Universe

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



47.8926, 51.5718, 57.3001



85.6225, 92.8479, 103.7689



46.9202, 49.6270, 56.9760



10.6461, 11.5712, 12.9572



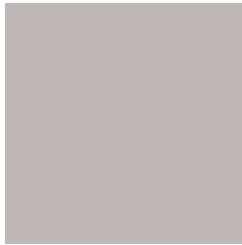
19.0763, 27.9091, 37.9382



0.8243, 1.2061, 1.6392

Previews

White Background



This preview shows how the XYZ color 47.2190, 48.4923, 51.6710 looks on a white background.

Color Contrast Check

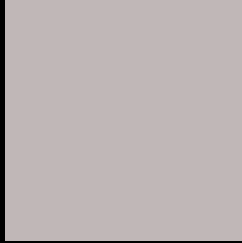
Large Text (above 18pt) WCAG AA × Fail

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 47.2190, 48.4923, 51.6710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

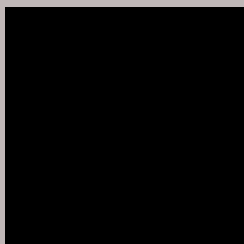
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

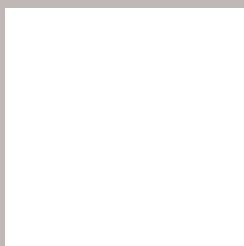
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.2190, 48.4923, 51.6710

Background



This preview shows how black text looks on a background with the XYZ color 47.2190, 48.4923, 51.6710.

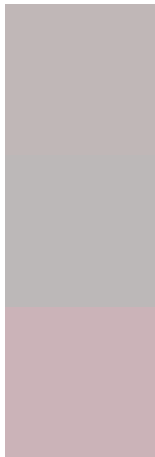


This preview shows how white text looks on a background with the XYZ color 47.2190, 48.4923,

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

47.2190, 48.4923, 51.6710

Protanopia

46.5313, 48.4330, 52.2435

Deuteranopia

49.4004, 48.3974, 52.0853



Tritanopia

48.6223, 48.4572, 58.4203

Trichromacy



Original Color

47.2190, 48.4923, 51.6710

Protanomaly

46.7785, 48.5605, 52.2550

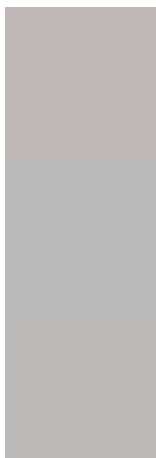
Deuteranomaly

48.5262, 48.2453, 52.1021

Tritanomaly

48.1242, 48.5549, 56.1258

Monochromacy



Original Color

47.2190, 48.4923, 51.6710

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.8450, 48.8921, 52.8671

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.2190, 48.4923, 51.6710 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(192, 183, 183)` looks like.

```
.text, #text, p{  
    color:rgb(192, 183, 183)  
}
```

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(192, 183, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 183, 183) }
```

Border

The CSS property to change the border of an element to XYZ 47.2190, 48.4923, 51.6710 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(192, 183, 183) }
```


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

```
.border{ border-color:rgb(192, 183, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 183, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 183, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 183, 183);  
box-shadow:4px 4px 4px 4px rgb(192, 183,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 47.2190, 48.4923, 51.6710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 183, 183) }
```

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

```
.background{ background-color: rgb(192,  
183, 183) }
```

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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