

Converting Colors

XYZ(48.6406, 49.6997, 50.2421)

Have a look what the booklet for
XYZ(48.6406, 49.6997, 50.2421)
contains.

XYZ(48.6674, 49.5820, 50.1853)	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(48.6674, 49.5820,
50.1853)**

Conversions

Conversions Part 1

Format	Color
Hex	C6B8B4
RGB	198, 184, 180
RGB Percent	78%, 72%, 71%
CMY	0.2235, 0.2784, 0.2941
CMYK	0.00, 0.07, 0.09, 0.22
HSL	13°, 14%, 74%
HSV	13°, 9%, 78%
XYZ	48.6674, 49.5820, 50.1853
YIQ	187.7300, 9.6280, 1.7240

Conversions

Conversions Part 2

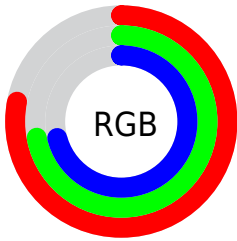
Format	Color
R_{YB}	198, 185, 180
Decimal	13023412
CIE Lab	75.81, 4.27, 3.81
CIE LCh	76, 5.718, 41.725
Yxy	49.5820, 0.3279, 0.3340
Android (android.graphics.Color)	4291213492 (0xFFC6B8B4)
YUV	187.7300, -3.8109, 9.0068
Hunter-Lab	70.4145, 0.1460, 7.0334

Details

The XYZ color **48.6674, 49.5820, 50.1853** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.3071, 52.3632, 60.9877**, and the grayscale version is **47.6650, 50.1473, 54.6104**.

A 20% lighter version of the original color is **87.5404, 89.6363, 92.0445**, and **23.4487, 23.6942, 23.4162** is the 20% darker color. If you saturate the color by 10%, you get **43.7670, 42.7815, 39.3010**, and if you desaturate by 10%, it is **54.2069, 57.1984, 62.7054**.

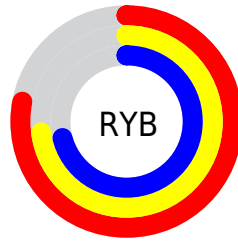
Distribution



Red (78%)

Green (72%)

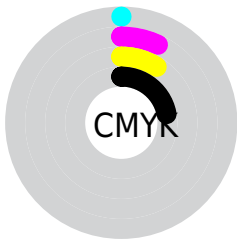
Blue (71%)



Red (78%)

Yellow (73%)

Blue (71%)

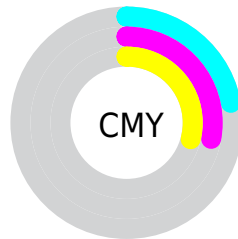


Cyan (0%)

Magenta (7%)

Yellow (9%)

Black (22%)



Cyan (22%)


Magenta (28%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.6674, 49.5820, 50.1853 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 48.6674, 49.5820, 50.1853 by changing the saturation by 10% instead.


 48.6674, 49.5820,
50.1853

 48.6674, 49.5820,
50.1853


371.9702,
385.0290, 404.1459

 34.5692, 35.0814,
35.1884


 87.4010, 89.5552,
91.8485

 23.4961, 23.7256,
23.5234


112.7670,
115.7967, 119.3519

 15.0830, 15.1302,
14.7715

142.6197,
146.7204, 151.8613

 8.9643, 8.9108,
8.5143

177.3244,
182.7110, 189.7951

 4.7749, 4.6830,
4.3333

217.2464,
224.1528, 233.5719

 2.1492, 2.0625,
1.8099

262.7511,

 0.7157, 0.6434,

271.4301, 283.6103

0.4345

314.2040,
324.9274, 340.3288

■ 0.0000, 0.0000,
0.0000

■ 48.6674, 49.5820,
50.1853

■ 48.6674, 49.5820,
50.1853

■ 43.7670, 42.7815,
39.3010

■ 54.2069, 57.1984,
62.7054

■ 39.4782, 36.7632,
29.9816

■ 60.4034, 65.6499,
76.9219

■ 35.7778, 31.5007,
22.1557

■ 67.2791, 74.9632,
92.8962

■ 32.6393, 26.9639,
15.7451

■ 74.1701, 84.8883,
107.0836

■ 30.0343, 23.1202,
10.6644

■ 77.0989, 90.7459,
108.0599

■ 27.9316, 19.9348,
6.8189

■ 26.2966, 17.3695,
4.1013

■ 25.0898, 15.3821,
2.3857

■ 24.2540, 13.9202,
1.4602

Harmonies

Analogous

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



49.1549, 49.5820, 52.8061



48.6674, 49.5820, 50.1853



47.7697, 49.5820, 48.6192

Triad

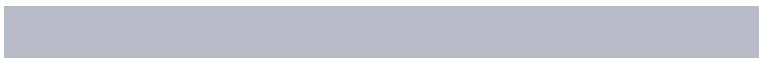
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



48.6674, 49.5820, 50.1853



45.2129, 49.5820, 52.1724



47.5426, 49.5820, 59.9199

Complementary

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



48.6674, 49.5820, 50.1853



48.3071, 52.3632, 60.9877

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.



46.4885, 49.5820, 59.7347



48.6674, 49.5820, 50.1853



45.1541, 49.5820, 55.1841

Square

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



48.6674, 49.5820, 50.1853



45.7796, 49.5820, 49.7364



45.6179, 49.5820, 57.9747



48.4990, 49.5820, 58.4718

Rectangle

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



48.6674, 49.5820, 50.1853



47.0647, 49.5820, 48.3470



45.6179, 49.5820, 57.9747



47.1877, 49.5820, 60.0481

Sweetspot

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



48.6688, 49.5842, 50.1864



91.9742, 95.7802, 101.9190



49.3594, 48.5486, 57.8677



19.5142, 20.2644, 21.4255



0.0000, 0.0000, 0.0000



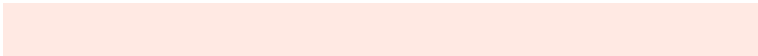
20.3446, 21.4041, 23.3091

Same Dimension

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



48.6688, 49.5842, 50.1864



84.2906, 85.1880, 84.6372



50.5754, 53.3974, 50.8219



10.8220, 11.0132, 11.1181



15.7852, 9.0875, 0.9221



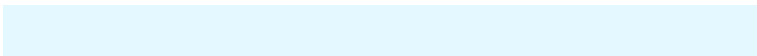
0.8033, 0.5421, 0.0623

Inverse Universe

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



48.3071, 52.3632, 60.9877



83.5147, 91.1467, 107.7991



46.3860, 48.5210, 60.3473



10.7389, 11.6519, 13.6005



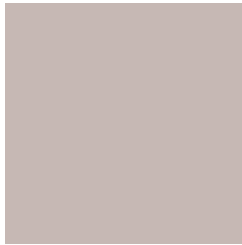
14.2056, 17.8051, 37.4324



0.7235, 0.9447, 1.7894

Previews

White Background



This preview shows how the XYZ color 48.6674, 49.5820, 50.1853 looks on a white background.

Color Contrast Check

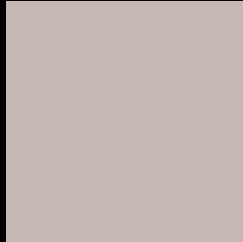
Large Text (above 18pt) WCAG AA × Fail

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 48.6674, 49.5820, 50.1853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

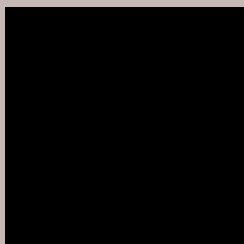
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

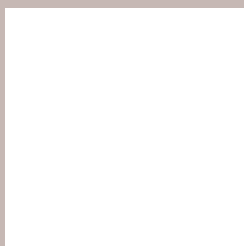
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.6674, 49.5820, 50.1853

Background



This preview shows how black text looks on a background with the XYZ color 48.6674, 49.5820, 50.1853.



This preview shows how white text looks on a background with the XYZ color 48.6674, 49.5820,

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

48.6674, 49.5820, 50.1853

Protanopia

47.6376, 49.6605, 50.7907

Deuteranopia

50.5965, 49.6493, 50.6326



Tritanopia

50.5112, 49.7208, 59.1594

Trichromacy



Original Color

48.6674, 49.5820, 50.1853

Protanomaly

47.9376, 49.5035, 50.7446

Deuteranomaly

49.9703, 49.6295, 50.6618

Tritanomaly

49.7809, 49.7268, 55.6897

Monochromacy



Original Color

48.6674, 49.5820, 50.1853

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.2655, 50.2499, 53.0543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.6674, 49.5820, 50.1853 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, 184, 180)` looks like.

```
.text, #text, p{  
    color:rgb(198, 184, 180)  
}
```

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, 184, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 184, 180) }
```

Border

The CSS property to change the border of an element to XYZ 48.6674, 49.5820, 50.1853 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, 184, 180) }
```


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

```
.border{ border-color:rgb(198, 184, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 184, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 184, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 184, 180);  
box-shadow:4px 4px 4px 4px rgb(198, 184,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 48.6674, 49.5820, 50.1853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 184, 180) }
```

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

```
.background{ background-color: rgb(198,  
184, 180) }
```

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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