

Converting Colors

XYZ(48.8638, 51.0154, 52.1511)

Have a look what the booklet for
XYZ(48.8638, 51.0154, 52.1511)
contains.

XYZ(48.7786, 50.8547, 52.0448)	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(48.7786, 50.8547,
52.0448)**

Conversions

Conversions Part 1

Format	Color
Hex	C2BCB7
RGB	194, 188, 183
RGB Percent	76%, 74%, 72%
CMY	0.2392, 0.2627, 0.2823
CMYK	0.00, 0.03, 0.06, 0.24
HSL	27°, 8%, 74%
HSV	27°, 6%, 76%
XYZ	48.7786, 50.8547, 52.0448
YIQ	189.2240, 5.1810, -0.2830

Conversions

Conversions Part 2

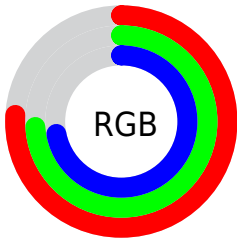
Format	Color
RYB	194, 192, 183
Decimal	12762295
CIELab	76.59, 1.21, 3.26
CIElCh	77, 3.483, 69.585
Yxy	50.8547, 0.3216, 0.3353
Android (android.graphics.Color)	4290952375 (0xFFC2BCB7)
YUV	189.2240, -3.0684, 4.1886
Hunter-Lab	71.3125, -2.7007, 6.6481

Details

The XYZ color **48.7786, 50.8547, 52.0448** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.4636, 50.3567, 58.2577**, and the grayscale version is **48.5141, 51.0406, 55.5832**.

A 20% lighter version of the original color is **87.3550, 91.2574, 94.6717**, and **23.5085, 24.5151, 24.6120** is the 20% darker color. If you saturate the color by 10%, you get **44.7203, 45.7496, 41.4070**, and if you desaturate by 10%, it is **53.2837, 56.4068, 64.2059**.

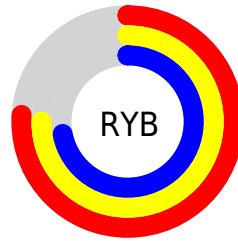
Distribution



Red (76%)

Green (74%)

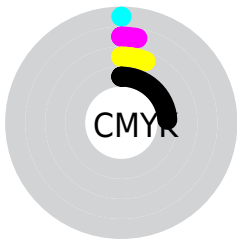
Blue (72%)



Red (76%)

Yellow (75%)

Blue (72%)

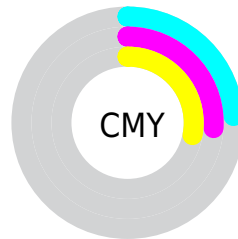


Cyan (0%)

Magenta (3%)

Yellow (6%)

Black (24%)



Cyan (24%)

Magenta (26%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.7786, 50.8547, 52.0448 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 48.7786, 50.8547, 52.0448 by changing the saturation by 10% instead.

■ 48.7786, 50.8547,
52.0448

■ 48.7786, 50.8547,
52.0448

372.4015,
389.9990, 411.5714

■ 34.6577, 36.0930,
36.6583

■ 87.5652, 91.4400,
94.6246

■ 23.5646, 24.5060,
24.6493

112.9617,
118.0323, 122.6549

■ 15.1339, 15.7094,
15.5993

142.8474,
149.3370, 155.7369

■ 9.0004, 9.3188,
9.0898

177.5876,
185.7383, 194.2892

■ 4.7985, 4.9497,
4.7022

217.5478,
227.6208, 238.7302

■ 2.1631, 2.2178,
2.0180

263.0933,

■ 0.7232, 0.7297,

275.3689, 289.4786

0.5663

314.5894,
329.3668, 346.9528

■ 0.0000, 0.0000,
0.0000

■ 48.7786, 50.8547,
52.0448

■ 48.7786, 50.8547,
52.0448

■ 44.7203, 45.7496,
41.4070

■ 53.2837, 56.4068,
64.2059

■ 41.0898, 41.0731,
32.2285

■ 58.2453, 62.4102,
77.9444

■ 37.8726, 36.8155,
24.4455

■ 63.6785, 68.8779,
93.3157

■ 35.0520, 32.9639,
17.9882

■ 68.6807, 75.4540,
105.5520

■ 32.6099, 29.5048,
12.7806

■ 71.7189, 81.5304,
106.5647

■ 30.5266, 26.4239,
8.7390

■ 74.9388, 87.9703,
107.6380

■ 28.7802, 23.7056,
5.7694

■ 76.0584, 90.2095,
108.0112

■ 27.3458, 21.3328,
3.7625

■ 26.1934, 19.2859,
2.5832

Harmonies

Analogous

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



49.3176, 50.8547, 53.0949



48.7786, 50.8547, 52.0448



48.1255, 50.8547, 51.8751

Triad

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



48.7786, 50.8547, 52.0448



47.0989, 50.8547, 55.9777



49.1467, 50.8547, 58.2122

Complementary

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



48.7786, 50.8547, 52.0448



47.4636, 50.3567, 58.2577

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.



48.5469, 50.8547, 59.0229



48.7786, 50.8547, 52.0448



47.3672, 50.8547, 57.7136

Square

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



48.7786, 50.8547, 52.0448



47.1597, 50.8547, 54.1176



47.8958, 50.8547, 58.8383



49.5315, 50.8547, 56.6459

Rectangle

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



48.7786, 50.8547, 52.0448



47.7138, 50.8547, 52.2801



47.8958, 50.8547, 58.8383



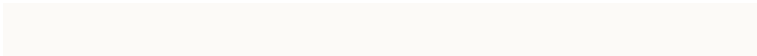
48.9633, 50.8547, 58.5837

Sweetspot

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



48.7800, 50.8569, 52.0459



91.2503, 95.7032, 101.9836



48.3730, 49.0134, 55.0842



20.0005, 20.9797, 22.3807



0.0000, 0.0000, 0.0000



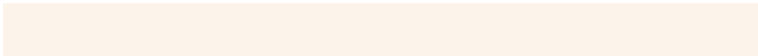
20.3446, 21.4041, 23.3091

Same Dimension

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



48.7800, 50.8569, 52.0459



87.2672, 90.7565, 91.3479



49.9656, 53.2281, 52.4411



10.6143, 11.0313, 11.0536



17.0150, 12.3157, 1.4804



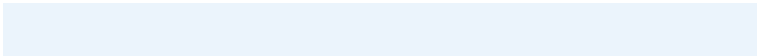
0.8040, 0.6697, 0.0869

Inverse Universe

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



47.4636, 50.3567, 58.2577



84.3047, 89.6307, 105.3269



46.3139, 48.0574, 57.8745



10.2343, 10.8869, 12.8468



9.8571, 9.4707, 34.8651



0.4941, 0.5456, 1.5291

Previews

White Background



This preview shows how the XYZ color 48.7786, 50.8547, 52.0448 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 48.7786, 50.8547, 52.0448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

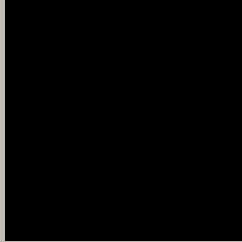
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

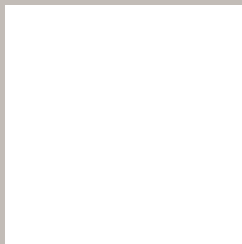
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.7786, 50.8547, 52.0448

Background



This preview shows how black text looks on a background with the XYZ color 48.7786, 50.8547, 52.0448.

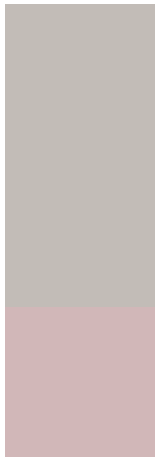


This preview shows how white text looks on a background with the XYZ color 48.7786, 50.8547,

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

48.7786, 50.8547, 52.0448

Protanopia

48.7786, 50.8547, 52.0448

Deuteranopia

51.8797, 50.8830, 52.4344



Tritanopia

50.5392, 50.6038, 61.7474

Trichromacy



Original Color

48.7786, 50.8547, 52.0448

Protanomaly

48.7786, 50.8547, 52.0448

Deuteranomaly

50.9025, 50.9960, 52.5078

Tritanomaly

49.8022, 50.6150, 58.1837

Monochromacy



Original Color

48.7786, 50.8547, 52.0448

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.6531, 51.0594, 54.3049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.7786, 50.8547, 52.0448 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(194, 188, 183)` looks like.

```
.text, #text, p{  
    color:rgb(194, 188, 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(194, 188, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 188, 183) }
```

Border

The CSS property to change the border of an element to XYZ 48.7786, 50.8547, 52.0448 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(194, 188, 183) }
```


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

```
.border{ border-color:rgb(194, 188, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 188, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 188, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 188, 183);  
box-shadow:4px 4px 4px 4px rgb(194, 188,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 48.7786, 50.8547, 52.0448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 188, 183) }
```

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

```
.background{ background-color: rgb(194,  
188, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor