

Converting Colors

XYZ(44.4397, 46.9721, 48.8662)

Have a look what the booklet for
XYZ(44.4397, 46.9721, 48.8662)
contains.

XYZ(44.4978, 47.1486, 48.8748)	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(44.4978, 47.1486,
48.8748)**

Conversions

Conversions Part 1

Format	Color
Hex	B7B7B2
RGB	183, 183, 178
RGB Percent	72%, 72%, 70%
CMY	0.2823, 0.2823, 0.3020
CMYK	0.00, 0.00, 0.03, 0.28
HSL	60°, 3%, 71%
HSV	60°, 3%, 72%
XYZ	44.4978, 47.1486, 48.8748
YIQ	182.4300, 1.6050, -1.5550

Conversions

Conversions Part 2

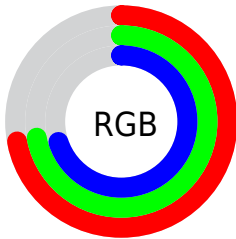
Format	Color
RYB	178, 183, 178
Decimal	12040114
CIELab	74.28, -0.92, 2.53
CIELCh	74, 2.690, 109.898
Yxy	47.1486, 0.3167, 0.3355
Android (android.graphics.Color)	4290230194 (0xFFB7B7B2)
YUV	182.4300, -2.1840, 0.4999
Hunter-Lab	68.6648, -4.4877, 5.8635

Details

The XYZ color **44.4978, 47.1486, 48.8748** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.8296, 44.7260, 51.1778**, and the grayscale version is **44.7099, 47.0383, 51.2247**.

A 20% lighter version of the original color is **81.3144, 86.0242, 90.1605**, and **20.8902, 22.1918, 22.5844** is the 20% darker color. If you saturate the color by 10%, you get **42.7792, 46.4623, 39.8341**, and if you desaturate by 10%, it is **46.4643, 47.9370, 59.2087**.

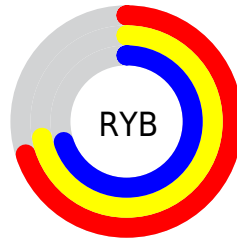
Distribution



Red (72%)

Green (72%)

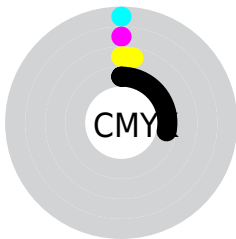
Blue (70%)



Red (70%)

Yellow (72%)

Blue (70%)

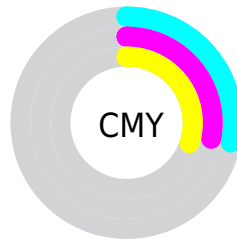


Cyan (0%)

Magenta (0%)

Yellow (3%)

Black (28%)



Cyan (28%)

Magenta (28%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.4978, 47.1486, 48.8748 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 44.4978, 47.1486, 48.8748 by changing the saturation by 10% instead.

■ 44.4978, 47.1486,
48.8748

■ 44.4978, 47.1486,
48.8748

355.5538,
375.4074, 398.8575

■ 31.2616, 33.1531,
34.1553

■ 81.2080, 85.9354,
89.8845

■ 20.9510, 22.2438,
22.7346

105.4128,
111.4955, 117.0118

■ 13.2004, 14.0361,
14.1942

134.0044,
141.6793, 149.1121

■ 7.6447, 8.1458,
8.1156

167.3484,
176.8712, 186.6040

■ 3.9183, 4.1884,
4.0802

205.8099,
217.4556, 229.9059

■ 1.6560, 1.7795,
1.6694

249.7544,

■ 0.4285, 0.4743,

263.8168, 279.4364

0.3396

299.5473,
316.3392, 335.6141

■ 0.0000, 0.0000,
0.0000

■ 44.4978, 47.1486,
48.8748

■ 44.4978, 47.1486,
48.8748

■ 42.7792, 46.4623,
39.8341

■ 46.4643, 47.9370,
59.2087

■ 41.2948, 45.8682,
32.0328

■ 48.6837, 48.8252,
70.8806

■ 40.0356, 45.3642,
25.4178

■ 51.1661, 49.8184,
83.9371

■ 38.9908, 44.9459,
19.9311

■ 53.9196, 50.9202,
98.4215

■ 38.1482, 44.6086,
15.5096

■ 54.5279, 51.1639,
101.6094

■ 37.4948, 44.3469,
12.0843

■ 54.5309, 51.1654,
101.6096

■ 37.0159, 44.1550,
9.5779

■ 54.5338, 51.1669,
101.6097

■ 36.6947, 44.0261,
7.9019

■ 54.5368, 51.1684,
101.6098

■ 36.5111, 43.9523,
6.9502

■ 54.5398, 51.1700,
101.6100

Harmonies

Analogous

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



44.9765, 47.1486, 48.7611



44.4978, 47.1486, 48.8748



44.1063, 47.1486, 49.6415

Triad

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



44.4978, 47.1486, 48.8748



44.2174, 47.1486, 53.3995



45.7344, 47.1486, 51.8050

Complementary

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



44.4978, 47.1486, 48.8748



42.8296, 44.7260, 51.1778

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.



45.5279, 47.1486, 53.0703



44.4978, 47.1486, 48.8748



44.6505, 47.1486, 54.0017

Square

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



44.4978, 47.1486, 48.8748



43.9452, 47.1486, 52.2479



45.1303, 47.1486, 53.8801



45.6928, 47.1486, 50.4363

Rectangle

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



44.4978, 47.1486, 48.8748



43.9463, 47.1486, 50.4276



45.1303, 47.1486, 53.8801



45.6917, 47.1486, 52.2569

Sweetspot

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



44.4991, 47.1506, 48.8758



80.2657, 84.6707, 90.5422



43.4862, 45.1236, 48.5379



17.7321, 18.7027, 20.0186



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



44.4991, 47.1506, 48.8758



79.5891, 84.4000, 86.9851



43.9101, 46.8470, 48.8483



9.9700, 10.5913, 10.7792



25.4161, 30.6388, 4.5743



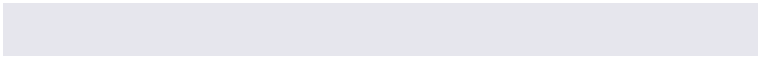
0.8962, 1.0802, 0.1613

Inverse Universe

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



42.8296, 44.7260, 51.1778



76.2608, 79.5663, 91.5742



43.4081, 45.0242, 51.2049



9.4601, 9.8508, 11.4822



5.9640, 2.3858, 31.3992



0.2104, 0.0842, 1.1069

Previews

White Background



This preview shows how the XYZ color 44.4978, 47.1486, 48.8748 looks on a white background.

Color Contrast Check

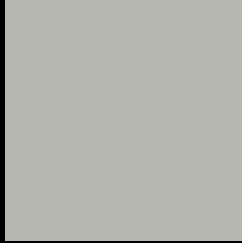
Large Text (above 18pt) WCAG AA × Fail

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 44.4978, 47.1486, 48.8748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

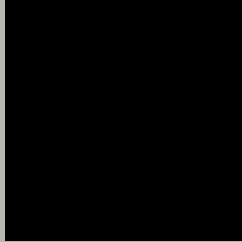
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.4978, 47.1486, 48.8748

Background



This preview shows how black text looks on a background with the XYZ color 44.4978, 47.1486, 48.8748.



This preview shows how white text looks on a background with the XYZ color 44.4978, 47.1486,

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

44.4978, 47.1486, 48.8748

Protanopia

45.1573, 47.1950, 48.3245

Deuteranopia

47.9462, 47.1165, 49.2152



Tritanopia

46.4213, 47.0218, 58.2592

Trichromacy



Original Color

44.4978, 47.1486, 48.8748

Protanomaly

44.9135, 47.0693, 48.3131

Deuteranomaly

46.5049, 46.9642, 49.2618

Tritanomaly

45.7168, 47.0362, 54.8135

Monochromacy



Original Color

44.4978, 47.1486, 48.8748

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

44.3598, 46.7372, 50.3992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.4978, 47.1486, 48.8748 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(183, 183, 178)` looks like.

```
.text, #text, p{  
    color:rgb(183, 183, 178)  
}
```

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(183, 183, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 183, 178) }
```

Border

The CSS property to change the border of an element to XYZ 44.4978, 47.1486, 48.8748 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(183, 183, 178) }
```


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

```
.border{ border-color:rgb(183, 183, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 183, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 183, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 183, 178);  
box-shadow:4px 4px 4px 4px rgb(183, 183,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 44.4978, 47.1486, 48.8748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 183, 178) }
```

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

```
.background{ background-color: rgb(183,  
183, 178) }
```

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