

Converting Colors

XYZ(44.6066, 49.9783, 47.6712)

Have a look what the booklet for
XYZ(44.6066, 49.9783, 47.6712)
contains.

XYZ(44.7190, 50.1415, 47.8788)	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(44.7190, 50.1415,
47.8788)**

Conversions

Conversions Part 1

Format	Color
Hex	B1C0AF
RGB	177, 192, 175
RGB Percent	69%, 75%, 69%
CMY	0.3059, 0.2470, 0.3137
CMYK	0.08, 0.00, 0.09, 0.25
HSL	113°, 12%, 72%
HSV	113°, 9%, 75%
XYZ	44.7190, 50.1415, 47.8788
YIQ	185.5770, -3.4830, -8.4670

Conversions

Conversions Part 2

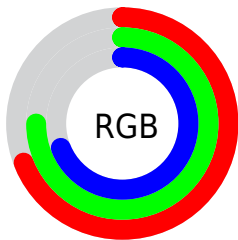
Format	Color
RYB	175, 192, 190
Decimal	11649199
CIELab	76.16, -8.34, 6.80
CIElCh	76, 10.762, 140.793
Yxy	50.1415, 0.3133, 0.3513
Android (android.graphics.Color)	4289839279 (0xFFB1C0AF)
YUV	185.5770, -5.2145, -7.5220
Hunter-Lab	70.8107, -11.1907, 9.4784

Details

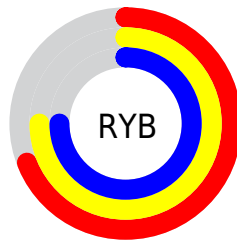
The XYZ color **44.7190, 50.1415, 47.8788** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.0815, 45.4142, 56.2087**, and the grayscale version is **46.4664, 48.8862, 53.2371**.

A 20% lighter version of the original color is **81.5955, 90.2280, 88.7165**, and **21.1199, 24.1804, 22.2930** is the 20% darker color. If you saturate the color by 10%, you get **39.3436, 47.5744, 38.4734**, and if you desaturate by 10%, it is **50.8445, 53.0671, 58.7211**.

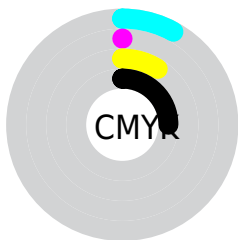
Distribution



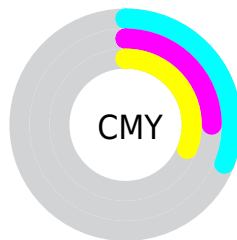
- Red (69%)
- Green (75%)
- Blue (69%)



- Red (69%)
- Yellow (75%)
- Blue (75%)



- Cyan (8%)
- Magenta (0%)
- Yellow (9%)
- Black (25%)



- Cyan (31%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.7190, 50.1415, 47.8788 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 44.7190, 50.1415, 47.8788 by changing the saturation by 10% instead.

■ 44.7190, 50.1415,
47.8788

■ 44.7190, 50.1415,
47.8788

356.4372,
387.2190, 394.8064

■ 31.4365, 35.5258,
33.3716

■ 81.5382, 90.3845,
88.3876

■ 21.0849, 24.0682,
22.1378

105.8057,
116.7806, 115.2263

■ 13.2989, 15.3842,
13.7589

134.4655,
147.8724, 147.0125

■ 7.7131, 9.0895,
7.8164

167.8830,
184.0441, 184.1649

■ 3.9622, 4.7996,
3.8916

206.4235,
225.6802, 227.1019

■ 1.6808, 2.1302,
1.5661

250.4525,

■ 0.4442, 0.6815,

273.1652, 276.2422

0.2664

300.3353,
326.8833, 332.0041

■ 0.0000, 0.0000,
0.0000

■ 44.7190, 50.1415,
47.8788

■ 44.7190, 50.1415,
47.8788

■ 39.3436, 47.5744,
38.4734

■ 50.8445, 53.0671,
58.7211

■ 34.6854, 45.3460,
30.4415

■ 57.7431, 56.3577,
71.0536

■ 30.7151, 43.4439,
23.7199

■ 65.4421, 60.0275,
84.9309

■ 27.4001, 41.8528,
18.2391

■ 73.9659, 64.0880,
100.4039

■ 24.7046, 40.5560,
13.9230

■ 78.1406, 66.1812,
103.2635

■ 22.5899, 39.5353,
10.6876

■ 21.0125, 38.7703,
8.4372

■ 19.9228, 38.2378,
7.0596

■ 19.2519, 37.9066,
6.3651

Harmonies

Analogous

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



46.2961, 50.1415, 44.8671



44.7190, 50.1415, 47.8788



43.9356, 50.1415, 52.8397

Triad

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



44.7190, 50.1415, 47.8788



47.0409, 50.1415, 66.2950



51.3719, 50.1415, 50.7513

Complementary

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



44.7190, 50.1415, 47.8788



46.0815, 45.4142, 56.2087

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.



51.5849, 50.1415, 56.3900



44.7190, 50.1415, 47.8788



49.0464, 50.1415, 65.6375

Square

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



44.7190, 50.1415, 47.8788



45.2510, 50.1415, 63.6509



50.7230, 50.1415, 61.9129



50.1488, 50.1415, 46.4426

Rectangle

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



44.7190, 50.1415, 47.8788



43.9532, 50.1415, 56.6994



50.7230, 50.1415, 61.9129



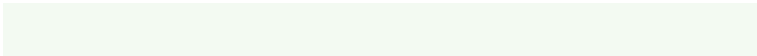
51.5653, 50.1415, 52.5444

Sweetspot

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



44.7204, 50.1436, 47.8799



87.3027, 93.8495, 97.8355



47.8339, 51.0154, 47.8841



18.5354, 20.0413, 20.6455



92.9021, 97.7402, 106.4391



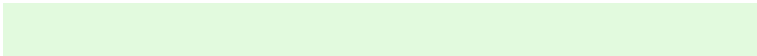
19.4759, 20.4902, 22.3138

Same Dimension

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



44.7204, 50.1436, 47.8799



78.6471, 89.7164, 82.5683



44.8948, 50.1612, 51.1589



10.0520, 11.3143, 10.7160



12.9503, 25.5050, 4.2404



0.5968, 1.1212, 0.1850

Inverse Universe

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



46.0815, 45.4142, 56.2087



81.7105, 79.0706, 101.3158



45.9081, 45.4030, 52.6703



10.3769, 10.1855, 12.7039



17.5153, 8.2899, 34.2336



0.7904, 0.3755, 1.4807

Previews

White Background



This preview shows how the XYZ color 44.7190, 50.1415, 47.8788 looks on a white background.

Color Contrast Check

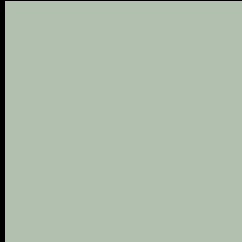
Large Text (above 18pt) WCAG AA × Fail

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 44.7190, 50.1415, 47.8788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

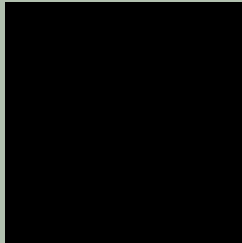
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.7190, 50.1415, 47.8788

Background



This preview shows how black text looks on a background with the XYZ color 44.7190, 50.1415, 47.8788.



This preview shows how white text looks on a background with the XYZ color 44.7190, 50.1415,

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

44.7190, 50.1415, 47.8788

Protanopia

47.4649, 49.9885, 46.1768

Deuteranopia

51.0380, 49.9237, 48.5412



Tritanopia

47.8188, 50.1020, 63.6502

Trichromacy



Original Color

44.7190, 50.1415, 47.8788

Protanomaly

46.4795, 50.1037, 46.7564

Deuteranomaly

48.4741, 49.8383, 48.1392

Tritanomaly

46.6456, 49.9487, 57.6347

Monochromacy



Original Color

44.7190, 50.1415, 47.8788

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

45.9552, 49.4111, 51.3712

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.7190, 50.1415, 47.8788 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(177, 192, 175)` looks like.

```
.text, #text, p{  
    color:rgb(177, 192, 175)  
}
```

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(177, 192, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 192, 175) }
```

Border

The CSS property to change the border of an element to XYZ 44.7190, 50.1415, 47.8788 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(177, 192, 175) }
```


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

```
.border{ border-color:rgb(177, 192, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 192, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 192, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 192, 175);  
box-shadow:4px 4px 4px 4px rgb(177, 192,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 44.7190, 50.1415, 47.8788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 192, 175) }
```

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

```
.background{ background-color: rgb(177,  
192, 175) }
```

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