

Converting Colors

XYZ(47.0654, 47.8642, 48.8776)

Have a look what the booklet for
XYZ(47.0654, 47.8642, 48.8776)
contains.

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Color

**XYZ(47.0654, 47.8642,
48.8776)**

Conversions

Conversions Part 1

Format	Color
Hex	C3B5B2
RGB	195, 181, 178
RGB Percent	76%, 71%, 70%
CMY	0.2353, 0.2902, 0.3020
CMYK	0.00, 0.07, 0.09, 0.24
HSL	11°, 12%, 73%
HSV	11°, 9%, 76%
XYZ	47.0654, 47.8642, 48.8776
YIQ	184.8440, 9.3070, 2.0350

Conversions

Conversions Part 2

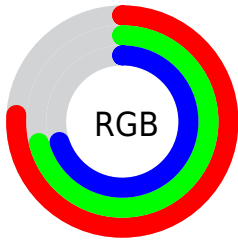
Format	Color
RYB	195, 182, 178
Decimal	12826034
CIELab	74.74, 4.45, 3.31
CIElCh	75, 5.549, 36.619
Yxy	47.8642, 0.3273, 0.3328
Android (android.graphics.Color)	4291016114 (0xFFC3B5B2)
YUV	184.8440, -3.3741, 8.9068
Hunter-Lab	69.1840, 0.3605, 6.5411

Details

The XYZ color **47.0654, 47.8642, 48.8776** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.0599, 51.1034, 59.0138**, and the grayscale version is **46.0430, 48.4408, 52.7521**.

A 20% lighter version of the original color is **85.2804, 87.2043, 90.1793**, and **22.4053, 22.5817, 22.5799** is the 20% darker color. If you saturate the color by 10%, you get **42.1668, 40.9803, 38.2620**, and if you desaturate by 10%, it is **52.6213, 55.6160, 61.0866**.

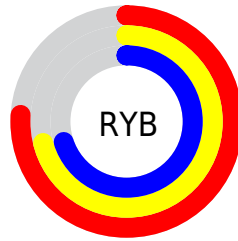
Distribution



Red (76%)

Green (71%)

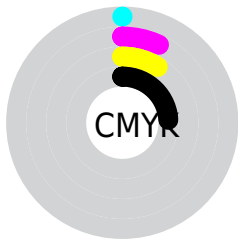
Blue (70%)



Red (76%)

Yellow (71%)

Blue (70%)

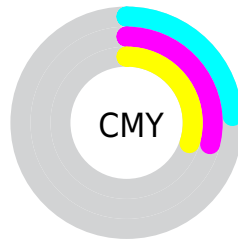


Cyan (0%)

Magenta (7%)

Yellow (9%)

Black (24%)



Cyan (24%)

Magenta (29%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.0654, 47.8642, 48.8776 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 47.0654, 47.8642, 48.8776 by changing the saturation by 10% instead.

■ 47.0654, 47.8642,
48.8776

■ 47.0654, 47.8642,
48.8776

365.7201,
378.2536, 398.8689

■ 33.2955, 33.7194,
34.1575

■ 85.0294, 87.0022,
89.8887

■ 22.5132, 22.6781,
22.7363

109.9542,
112.7641, 117.0168

■ 14.3532, 14.3560,
14.1954

139.3280,
143.1672, 149.1180

■ 8.4501, 8.3687,
8.1164

173.5163,
178.5958, 186.6108

■ 4.4385, 4.3317,
4.0807

212.8842,
219.4343, 229.9137

■ 1.9531, 1.8608,
1.6697

257.7973,

■ 0.6074, 0.5247,

266.0672, 279.4454

0.3399

308.6208,
318.8789, 335.6242

■ 0.0000, 0.0000,
0.0000

■ 47.0654, 47.8642,
48.8776

■ 47.0654, 47.8642,
48.8776

■ 42.1668, 40.9803,
38.2620

■ 52.6213, 55.6160,
61.0866

■ 37.8970, 34.9280,
29.1710

■ 58.8535, 64.2581,
74.9478

■ 34.2315, 29.6776,
21.5351

■ 65.7854, 73.8199,
90.5209

■ 31.1425, 25.1950,
15.2786

■ 73.2761, 84.2627,
107.0100

■ 28.6000, 21.4440,
10.3185

■ 76.3159, 90.3422,
108.0233

■ 26.5712, 18.3852,
6.5632

■ 25.0198, 15.9756,
3.9088

■ 23.9041, 14.1670,
2.2337

■ 23.1660, 12.9006,
1.3409

Harmonies

Analogous

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



47.4442, 47.8642, 51.4794



47.0654, 47.8642, 48.8776



46.2662, 47.8642, 47.1897

Triad

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



47.0654, 47.8642, 48.8776



43.7392, 47.8642, 49.9461



45.7170, 47.8642, 57.8209

Complementary

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



47.0654, 47.8642, 48.8776



47.0599, 51.1034, 59.0138

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.



44.7294, 47.8642, 57.3737



47.0654, 47.8642, 48.8776



43.5970, 47.8642, 52.7578

Square

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



47.0654, 47.8642, 48.8776



44.3482, 47.8642, 47.7905



43.9570, 47.8642, 55.4943



46.6583, 47.8642, 56.6949

Rectangle

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



47.0654, 47.8642, 48.8776



45.6078, 47.8642, 46.7738



43.9570, 47.8642, 55.4943



45.3794, 47.8642, 57.8502

Sweetspot

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



47.0667, 47.8663, 48.8786



89.7917, 93.4067, 99.5842



47.9595, 47.2567, 56.5603



19.4851, 20.2063, 21.4158



0.0000, 0.0000, 0.0000



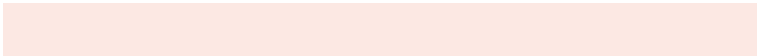
20.3446, 21.4041, 23.3091

Same Dimension

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



47.0667, 47.8663, 48.8786



82.9640, 83.8619, 84.6358



48.8115, 51.3558, 49.4602



10.2139, 10.3592, 10.5231



15.0519, 8.3896, 0.8260



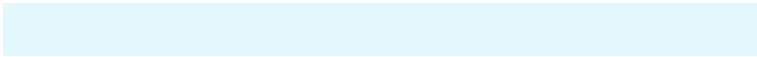
0.6956, 0.4530, 0.0508

Inverse Universe

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



47.0599, 51.1034, 59.0138



82.9496, 90.5496, 105.5757



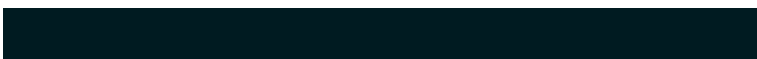
45.2824, 47.5484, 58.4213



10.2123, 11.1159, 12.8922



14.6896, 19.1358, 36.4760



0.6753, 0.9080, 1.5896

Previews

White Background



This preview shows how the XYZ color 47.0654, 47.8642, 48.8776 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 47.0654, 47.8642, 48.8776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

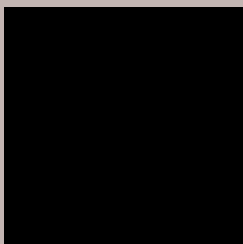
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

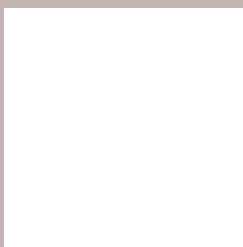
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 47.0654, 47.8642, 48.8776

Background



This preview shows how black text looks on a background with the XYZ color 47.0654, 47.8642, 48.8776.



This preview shows how white text looks on a background with the XYZ color 47.0654, 47.8642,

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

47.0654, 47.8642, 48.8776

Protanopia

45.8092, 47.8130, 49.4623

Deuteranopia

48.9589, 47.9328, 49.3194



Tritanopia

48.7717, 47.9608, 57.1389

Trichromacy



Original Color

47.0654, 47.8642, 48.8776

Protanomaly

46.3505, 47.7869, 49.4287

Deuteranomaly

48.3442, 47.9124, 49.3478

Tritanomaly

48.1633, 48.0091, 54.3052

Monochromacy



Original Color

47.0654, 47.8642, 48.8776

Achromatopsia

46.1135, 48.5150, 52.8328

Achromatomaly

46.5703, 48.4772, 51.1585

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.0654, 47.8642, 48.8776 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(195, 181, 178)` looks like.

```
.text, #text, p{  
    color:rgb(195, 181, 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(195, 181, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 181, 178) }
```

Border

The CSS property to change the border of an element to XYZ 47.0654, 47.8642, 48.8776 is called "border". The border property can be set on classes, ids or directly on the HTML element.

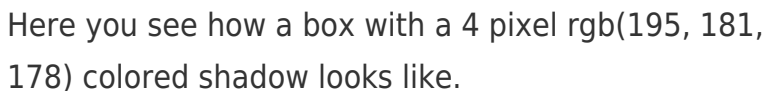
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 181, 178) }
```


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

```
.border{ border-color:rgb(195, 181, 178) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 181, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 181, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 181, 178); box-shadow:4px 4px 4px 4px rgb(195, 181, 178) }
```

Background

The CSS property to change the background color of an element to XYZ 47.0654, 47.8642, 48.8776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 181, 178) }
```

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

```
.background{ background-color: rgb(195,  
181, 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](#).

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