

Converting Colors

XYZ(46.8839, 47.6372, 42.8567)

Have a look what the booklet for
XYZ(46.8839, 47.6372, 42.8567)
contains.

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Color

**XYZ(46.7574, 47.5378,
42.7877)**

Conversions

Conversions Part 1

Format	Color
Hex	C7B4A6
RGB	199, 180, 166
RGB Percent	78%, 71%, 65%
CMY	0.2196, 0.2941, 0.3490
CMYK	0.00, 0.10, 0.17, 0.22
HSL	25°, 23%, 72%
HSV	25°, 17%, 78%
XYZ	46.7574, 47.5378, 42.7877
YIQ	184.0850, 15.8180, -0.3260

Conversions

Conversions Part 2

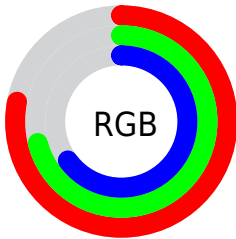
Format	Color
RYB	199, 190, 166
Decimal	13087910
CIELab	74.53, 4.48, 9.60
CIELCh	75, 10.592, 64.977
Yxy	47.5378, 0.3411, 0.3468
Android (android.graphics.Color)	4291277990 (0xFFC7B4A6)
YUV	184.0850, -8.9159, 13.0805
Hunter-Lab	68.9477, 0.3928, 11.4690

Details

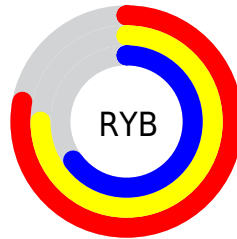
The XYZ color **46.7574, 47.5378, 42.7877** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.3834, 46.9275, 60.8047**, and the grayscale version is **45.6496, 48.0269, 52.3013**.

A 20% lighter version of the original color is **84.2866, 86.4714, 80.6549**, and **22.3037, 22.4134, 19.0703** is the 20% darker color. If you saturate the color by 10%, you get **42.8539, 42.4293, 33.1665**, and if you desaturate by 10%, it is **51.1372, 53.1458, 53.9624**.

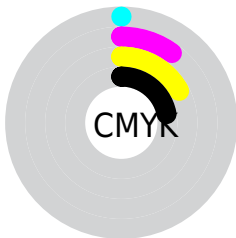
Distribution



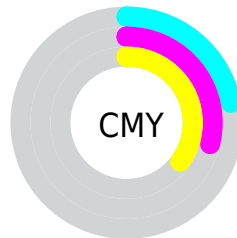
- Red (78%)
- Green (71%)
- Blue (65%)



- Red (78%)
- Yellow (75%)
- Blue (65%)



- Cyan (0%)
- Magenta (10%)
- Yellow (17%)
- Black (22%)





- Cyan (22%)
- Magenta (29%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.7574, 47.5378, 42.7877 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 46.7574, 47.5378, 42.7877 by changing the saturation by 10% instead.


 46.7574, 47.5378,
42.7877


 46.7574, 47.5378,
42.7877


364.5104,
376.9571, 373.6335

 33.0511, 33.4610,
29.3884


 84.5723, 86.5158,
80.6733

 22.3250, 22.4798,
19.1267


 109.4116,
112.1859, 105.9967

 14.2138, 14.2099,
11.5842


138.6926,
142.4891, 136.1319

 8.3522, 8.2668,
6.3421

172.7807,
177.8099, 171.4974

 4.3748, 4.2661,
2.9821

212.0411,
218.5328, 212.5118

 1.9163, 1.8235,
1.0855

256.8393,

 0.5863, 0.5018,

265.0420, 259.5936

0.0000

307.5406,
317.7220, 313.1613

■ 0.0000, 0.0000,
0.0000

■ 46.7574, 47.5378,
42.7877

■ 46.7574, 47.5378,
42.7877

■ 42.8539, 42.4293,
33.1665

■ 51.1372, 53.1458,
53.9624

■ 39.4052, 37.7996,
25.0260

■ 56.0059, 59.2608,
66.7528

■ 36.3939, 33.6357,
18.2921

■ 61.3805, 65.8979,
81.2215

■ 33.7998, 29.9216,
12.8830

■ 67.2760, 73.0699,
97.4266

■ 31.6009, 26.6401,
8.7085

■ 71.9692, 80.0938,
106.2742

■ 29.7727, 23.7728,
5.6667

■ 75.3978, 86.9511,
107.4171

■ 28.2875, 21.2993,
3.6391

■ 77.3634, 90.8822,
108.0723

■ 27.1102, 19.1962,
2.4717

■ 26.7586, 18.5525,
2.1707

Harmonies

Analogous

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



48.2654, 47.5378, 45.9522



46.7574, 47.5378, 42.7877



44.8648, 47.5378, 41.9570

Triad

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



46.7574, 47.5378, 42.7877



41.6162, 47.5378, 52.6802



47.3253, 47.5378, 60.8833

Complementary

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



46.7574, 47.5378, 42.7877



43.3834, 46.9275, 60.8047

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.



45.5032, 47.5378, 62.9834



46.7574, 47.5378, 42.7877



42.2352, 47.5378, 58.0389

Square

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



46.7574, 47.5378, 42.7877



41.9307, 47.5378, 47.4304



43.6448, 47.5378, 61.9076



48.5998, 47.5378, 56.3466

Rectangle

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



46.7574, 47.5378, 42.7877



43.6474, 47.5378, 42.7846



43.6448, 47.5378, 61.9076



46.7547, 47.5378, 61.9116

Sweetspot

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



46.7587, 47.5399, 42.7887



90.7677, 94.6121, 97.6794



45.9733, 42.9285, 51.9010



19.3030, 20.0928, 20.5825



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.



46.7587, 47.5399, 42.7887



79.2382, 79.8180, 68.3568



50.2330, 54.4885, 43.9468



10.9977, 11.3645, 11.1767



17.2891, 12.0954, 1.4234



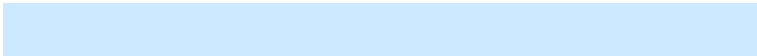
0.8901, 0.7156, 0.0912

Inverse Universe

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



43.3834, 46.9275, 60.8047



72.1921, 78.5380, 105.9622



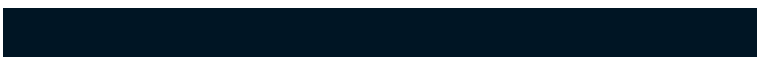
40.1768, 40.5142, 59.7358



10.5551, 11.2843, 13.5393



10.6266, 10.6471, 36.2394



0.5739, 0.6455, 1.7395

Previews

White Background



This preview shows how the XYZ color 46.7574, 47.5378, 42.7877 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 46.7574, 47.5378, 42.7877 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 46.7574, 47.5378, 42.7877

Background



This preview shows how black text looks on a background with the XYZ color 46.7574, 47.5378, 42.7877.



This preview shows how white text looks on a background with the XYZ color 46.7574, 47.5378,

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

46.7574, 47.5378, 42.7877

Protanopia

45.1437, 47.6041, 43.3684

Deuteranopia

48.4293, 47.4997, 43.1751



Tritanopia

49.1767, 47.3249, 55.2579

Trichromacy



Original Color

46.7574, 47.5378, 42.7877

Protanomaly

45.6953, 47.5834, 43.3353

Deuteranomaly

47.7973, 47.4682, 43.2023

Tritanomaly

48.1500, 47.1980, 50.2884

Monochromacy



Original Color

46.7574, 47.5378, 42.7877

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

45.8556, 47.8601, 48.4161

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.7574, 47.5378, 42.7877 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(199, 180, 166)` looks like.

```
.text, #text, p{  
    color:rgb(199, 180, 166)  
}
```

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(199, 180, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 180, 166) }
```

Border

The CSS property to change the border of an element to XYZ 46.7574, 47.5378, 42.7877 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(199, 180, 166) }
```


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

```
.border{ border-color:rgb(199, 180, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 180, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 180, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 180, 166);  
box-shadow:4px 4px 4px 4px rgb(199, 180,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 46.7574, 47.5378, 42.7877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 180, 166) }
```

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

```
.background{ background-color: rgb(199,  
180, 166) }
```

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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