

Converting Colors

XYZ(47.4471, 49.6539, 47.3436)

Have a look what the booklet for
XYZ(47.4471, 49.6539, 47.3436)
contains.

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Color

**XYZ(47.4470, 49.6431,
47.1258)**

Conversions

Conversions Part 1

Format	Color
Hex	C2BAAE
RGB	194, 186, 174
RGB Percent	76%, 73%, 68%
CMY	0.2392, 0.2706, 0.3176
CMYK	0.00, 0.04, 0.10, 0.24
HSL	36°, 14%, 72%
HSV	36°, 10%, 76%
XYZ	47.4470, 49.6431, 47.1258
YIQ	187.0240, 8.6200, -2.0360

Conversions

Conversions Part 2

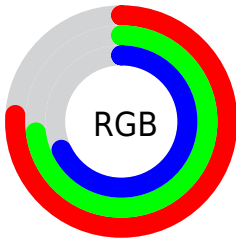
Format	Color
RYB	187, 194, 174
Decimal	12761774
CIELab	75.85, 0.73, 7.08
CIELCh	76, 7.114, 84.083
Yxy	49.6431, 0.3290, 0.3442
Android (android.graphics.Color)	4290951854 (0xFFC2BAAE)
YUV	187.0240, -6.4208, 6.1180
Hunter-Lab	70.4579, -3.0976, 9.6643

Details

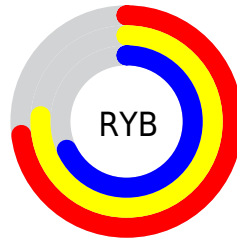
The XYZ color **47.4470, 49.6431, 47.1258** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.9210, 46.3488, 57.6707**, and the grayscale version is **47.2804, 49.7427, 54.1698**.

A 20% lighter version of the original color is **85.6786, 89.6706, 86.9212**, and **22.7156, 23.7556, 21.8004** is the 20% darker color. If you saturate the color by 10%, you get **44.1011, 45.7623, 37.3438**, and if you desaturate by 10%, it is **51.1575, 53.8150, 58.3783**.

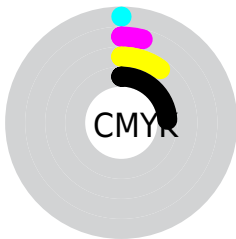
Distribution



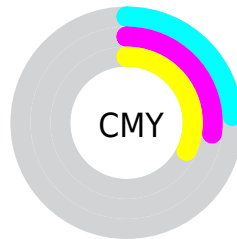
- Red (76%)
- Green (73%)
- Blue (68%)



- Red (73%)
- Yellow (76%)
- Blue (68%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (24%)





- Cyan (24%)
- Magenta (27%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.4470, 49.6431, 47.1258 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 47.4470, 49.6431, 47.1258 by changing the saturation by 10% instead.


 47.4470, 49.6431,
47.1258

 47.4470, 49.6431,
47.1258


367.2151,
385.2686, 391.7247

 33.5986, 35.1299,
32.7801


 85.5952, 89.6459,
87.2533

 22.7468, 23.7630,
21.6883

110.6256,
115.9042, 113.8722

 14.5263, 15.1579,
13.4319


140.1141,
146.8464, 145.4192

 8.5718, 8.9303,
7.5924

174.4261,
182.8568, 182.3128

 4.5178, 4.6957,
3.7513

213.9268,
224.3198, 224.9716

 1.9990, 2.0699,
1.4899

258.9816,

 0.6334, 0.6476,

271.6199, 273.8142

0.2104

309.9560,
325.1413, 329.2591

■ 0.0000, 0.0000,
0.0000

■ 47.4470, 49.6431,
47.1258

■ 47.4470, 49.6431,
47.1258

■ 44.1011, 45.7623,
37.3438

■ 51.1575, 53.8150,
58.3783

■ 41.1028, 42.1585,
28.9671

■ 55.2410, 58.2786,
71.1563

■ 38.4394, 38.8262,
21.9307

■ 59.7103, 63.0427,
85.5157

■ 36.0960, 35.7569,
16.1627

■ 64.5768, 68.1141,
101.5088

■ 34.0562, 32.9418,
11.5848

■ 67.1661, 72.4250,
105.0471

■ 32.3021, 30.3712,
8.1097

■ 69.3083, 76.7093,
105.7612

■ 30.8133, 28.0344,
5.6379

■ 71.5469, 81.1866,
106.5074

■ 29.5659, 25.9192,
4.0518

■ 73.8833, 85.8593,
107.2862

■ 28.5441, 24.0609,
3.1398

■ 76.0583, 90.2094,
108.0112

Harmonies

Analogous

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



48.6922, 49.6431, 48.3652



47.4470, 49.6431, 47.1258



46.1539, 49.6431, 47.6712

Triad

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



47.4470, 49.6431, 47.1258



44.8999, 49.6431, 57.0803



49.2744, 49.6431, 58.4399

Complementary

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



47.4470, 49.6431, 47.1258



43.9210, 46.3488, 57.6707

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.



48.2299, 49.6431, 60.9802



47.4470, 49.6431, 47.1258



45.7078, 49.6431, 60.1699

Square

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



47.4470, 49.6431, 47.1258



44.6991, 49.6431, 53.3053



46.9225, 49.6431, 61.6276



49.7599, 49.6431, 54.8074

Rectangle

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



47.4470, 49.6431, 47.1258



45.4367, 49.6431, 48.9870



46.9225, 49.6431, 61.6276



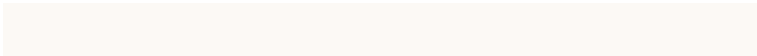
48.9761, 49.6431, 59.4566

Sweetspot

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



47.4484, 49.6453, 47.1269



90.7769, 95.3771, 99.9126



45.8283, 45.1196, 50.5502



19.7569, 20.7498, 21.5064



0.0000, 0.0000, 0.0000



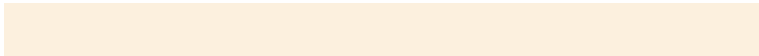
20.3446, 21.4041, 23.3091

Same Dimension

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



47.4484, 49.6453, 47.1269



84.7734, 88.5812, 81.8467



48.6705, 52.8466, 47.6804



10.5646, 11.0607, 10.6400



18.8487, 15.9832, 2.0916



0.8803, 0.8225, 0.1124

Inverse Universe

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



43.9210, 46.3488, 57.6707



77.3133, 81.6095, 104.1472



42.7789, 43.3980, 57.1614



9.8514, 10.3941, 12.7719



8.2486, 6.2538, 34.3290



0.4238, 0.4050, 1.5057

Previews

White Background



This preview shows how the XYZ color 47.4470, 49.6431, 47.1258 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 47.4470, 49.6431, 47.1258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

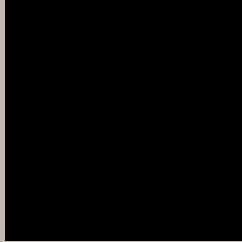
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.4470, 49.6431, 47.1258

Background



This preview shows how black text looks on a background with the XYZ color 47.4470, 49.6431, 47.1258.

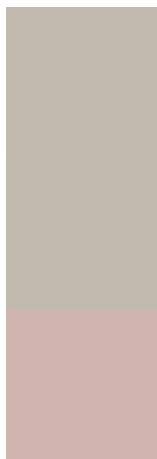


This preview shows how white text looks on a background with the XYZ color 47.4470, 49.6431,

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

47.4470, 49.6431, 47.1258

Protanopia

47.1912, 49.5113, 47.1138

Deuteranopia

50.3536, 49.2930, 47.4180



Tritanopia

50.0375, 49.7685, 59.7923

Trichromacy



Original Color

47.4470, 49.6431, 47.1258

Protanomaly

47.1912, 49.5113, 47.1138

Deuteranomaly

49.3677, 49.3884, 47.4884

Tritanomaly

49.0907, 49.6909, 55.1480

Monochromacy



Original Color

47.4470, 49.6431, 47.1258

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

47.4490, 49.8652, 51.3801

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.4470, 49.6431, 47.1258 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, 186, 174)` looks like.

```
.text, #text, p{  
    color:rgb(194, 186, 174)  
}
```

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, 186, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 186, 174) }
```

Border

The CSS property to change the border of an element to XYZ 47.4470, 49.6431, 47.1258 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, 186, 174) }
```


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

```
.border{ border-color:rgb(194, 186, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 186, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 186, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 186, 174);  
box-shadow:4px 4px 4px 4px rgb(194, 186,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 47.4470, 49.6431, 47.1258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 186, 174) }
```

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

```
.background{ background-color: rgb(194,  
186, 174) }
```

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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