

Converting Colors

XYZ(51.9551, 47.5519, 46.8466)

Have a look what the booklet for
XYZ(51.9551, 47.5519, 46.8466)
contains.

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Color

**XYZ(51.8160, 47.4366,
46.9826)**

Conversions

Conversions Part 1

Format	Color
Hex	DCABAF
RGB	220, 171, 175
RGB Percent	86%, 67%, 69%
CMY	0.1373, 0.3294, 0.3137
CMYK	0.00, 0.22, 0.20, 0.14
HSL	355°, 41%, 77%
HSV	355°, 22%, 86%
XYZ	51.8160, 47.4366, 46.9826
YIQ	186.1070, 27.9200, 11.6320

Conversions

Conversions Part 2

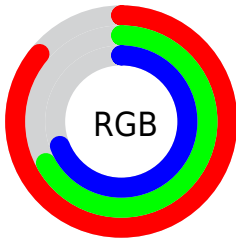
Format	Color
R _Y B	220, 171, 175
Decimal	14461871
CIE Lab	74.47, 18.51, 4.85
CIE LCh	74, 19.131, 14.679
Yxy	47.4366, 0.3543, 0.3244
Android (android.graphics.Color)	4292651951 (0xFFDCABAF)
YUV	186.1070, -5.4758, 29.7242
Hunter-Lab	68.8742, 13.7606, 7.7673

Details

The XYZ color **51.8160, 47.4366, 46.9826** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.7844, 64.8034, 74.5899**, and the grayscale version is **46.7519, 49.1867, 53.5643**.

A 20% lighter version of the original color is **82.9920, 81.9113, 86.2992**, and **25.4818, 22.5162, 21.7419** is the 20% darker color. If you saturate the color by 10%, you get **46.1629, 39.0720, 36.0289**, and if you desaturate by 10%, it is **58.4603, 57.3076, 59.7328**.

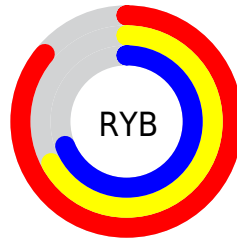
Distribution



Red (86%)

Green (67%)

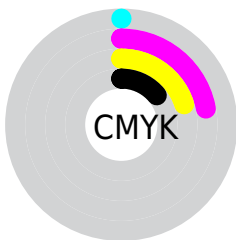
Blue (69%)



Red (86%)

Yellow (67%)

Blue (69%)

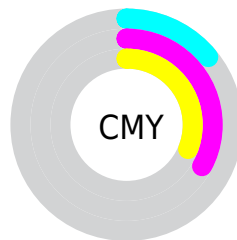


Cyan (0%)

Magenta (22%)

Yellow (20%)

Black (14%)



Cyan (14%)

Magenta (33%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.8160, 47.4366, 46.9826 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 51.8160, 47.4366, 46.9826 by changing the saturation by 10% instead.

■ 51.8160, 47.4366,
46.9826

■ 51.8160, 47.4366,
46.9826

384.0615,
376.5546, 391.1368

■ 37.0821, 33.3809,
32.6677

■ 92.0357, 86.3650,
87.0374

■ 25.4450, 22.4184,
21.6029

118.2521,
112.0065, 113.6143

■ 16.5394, 14.1647,
13.3699

149.0269,
142.2787, 145.1155

■ 9.9999, 8.2353,
7.5501

184.7252,
177.5660, 181.9598

■ 5.4612, 4.2459,
3.7248

225.7124,
218.2529, 224.5655

■ 2.5578, 1.8120,
1.4756

272.3540,

■ 0.9245, 0.4947,

264.7237, 273.3512

0.1997

325.0152,
317.3628, 328.7355

■ 0.0000, 0.0000,
0.0000

■ 51.8160, 47.4366,
46.9826

■ 51.8160, 47.4366,
46.9826

■ 46.1629, 39.0720,
36.0289

■ 58.4603, 57.3076,
59.7328

■ 41.4498, 32.1336,
26.7882

■ 66.1361, 68.7470,
74.3522

■ 37.6267, 26.5436,
19.1746

■ 74.8862, 81.8213,
90.9129

■ 34.6374, 22.2144,
13.0938

■ 83.3254, 93.9558,
108.3513

■ 32.4195, 19.0478,
8.4415

■ 30.9015, 16.9313,
5.1007

■ 29.9984, 15.7298,
2.9354

■ 29.6241, 15.2592,
1.9538

Harmonies

Analogous

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



51.7949, 47.4366, 56.8366



51.8160, 47.4366, 46.9826



49.9722, 47.4366, 39.4066

Triad

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



51.8160, 47.4366, 46.9826



40.5802, 47.4366, 39.2809



43.3563, 47.4366, 72.2339

Complementary

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



51.8160, 47.4366, 46.9826



54.7844, 64.8034, 74.5899

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.



40.5311, 47.4366, 66.1991



51.8160, 47.4366, 46.9826



38.9849, 47.4366, 46.7897

Square

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



51.8160, 47.4366, 46.9826



43.4263, 47.4366, 35.3606



38.9675, 47.4366, 56.6175



46.7896, 47.4366, 72.3028

Rectangle

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



51.8160, 47.4366, 46.9826



47.9852, 47.4366, 36.3054



38.9675, 47.4366, 56.6175



42.3080, 47.4366, 70.8046

Sweetspot

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



51.8173, 47.4388, 46.9836



87.0894, 88.1240, 93.7759



55.7769, 48.8816, 74.2060



18.5012, 18.6543, 19.8062



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.



51.8173, 47.4388, 46.9836



68.3189, 60.2364, 57.7588



55.5891, 55.6013, 46.3330



13.0989, 13.0687, 13.7822



17.4024, 8.9620, 1.2332



1.1427, 0.5867, 0.1605

Inverse Universe

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



51.8173, 47.4388, 46.9836



68.3189, 60.2364, 57.7588



50.2726, 54.9429, 75.6660



13.0989, 13.0687, 13.7822



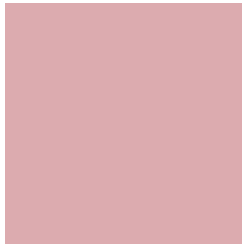
17.4024, 8.9620, 1.2332



1.1427, 0.5867, 0.1605

Previews

White Background



This preview shows how the XYZ color 51.8160, 47.4366, 46.9826 looks on a white background.

Color Contrast Check

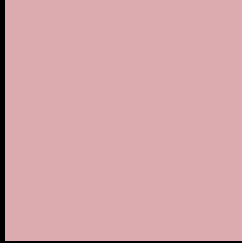
Large Text (above 18pt) WCAG AA × Fail

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 51.8160, 47.4366, 46.9826 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 51.8160, 47.4366, 46.9826

Background



This preview shows how black text looks on a background with the XYZ color 51.8160, 47.4366, 46.9826.



This preview shows how white text looks on a background with the XYZ color 51.8160, 47.4366,

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

51.8160, 47.4366, 46.9826

Protanopia

45.7675, 47.7680, 50.5240

Deuteranopia

48.5390, 47.4794, 46.6506



Tritanopia

52.7408, 47.5405, 51.1962

Trichromacy



Original Color

51.8160, 47.4366, 46.9826

Protanomaly

47.8100, 47.6370, 49.3228

Deuteranomaly

49.5483, 47.4176, 46.5854

Tritanomaly

52.4317, 47.4169, 49.5689

Monochromacy



Original Color

51.8160, 47.4366, 46.9826

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

48.2561, 48.4309, 51.0607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.8160, 47.4366, 46.9826 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(220, 171, 175)` looks like.

```
.text, #text, p{  
    color:rgb(220, 171, 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(220, 171, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 171, 175) }
```

Border

The CSS property to change the border of an element to XYZ 51.8160, 47.4366, 46.9826 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(220, 171, 175) }
```


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

```
.border{ border-color:rgb(220, 171, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 171, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 171, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 171, 175);  
box-shadow:4px 4px 4px 4px rgb(220, 171,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 51.8160, 47.4366, 46.9826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 171, 175) }
```

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

```
.background{ background-color: rgb(220,  
171, 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](#).

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