

Converting Colors

XYZ(52.0342, 52.2009, 47.5025)

Have a look what the booklet for
XYZ(52.0342, 52.2009, 47.5025)
contains.

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Color

**XYZ(51.9886, 52.2983,
47.3989)**

Conversions

Conversions Part 1

Format	Color
Hex	D2BBAE
RGB	210, 187, 174
RGB Percent	82%, 73%, 68%
CMY	0.1765, 0.2666, 0.3176
CMYK	0.00, 0.11, 0.17, 0.18
HSL	22°, 29%, 75%
HSV	22°, 17%, 82%
XYZ	51.9886, 52.2983, 47.3989
YIQ	192.3950, 17.8810, 0.8330

Conversions

Conversions Part 2

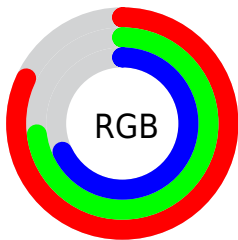
Format	Color
R _Y B	210, 194, 174
Decimal	13810606
CIE Lab	77.46, 6.07, 9.56
CIE LCh	77, 11.323, 57.589
Yxy	52.2983, 0.3427, 0.3448
Android (android.graphics.Color)	4292000686 (0xFFD2BBAE)
YUV	192.3950, -9.0687, 15.4396
Hunter-Lab	72.3176, 1.7667, 11.7620

Details

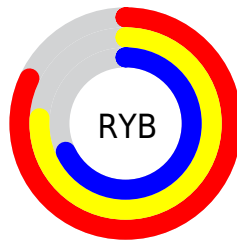
The XYZ color **51.9886, 52.2983, 47.3989** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.0542, 53.5829, 68.7301**, and the grayscale version is **50.3790, 53.0027, 57.7199**.

A 20% lighter version of the original color is **87.4334, 91.0183, 87.0888**, and **25.5555, 25.4239, 21.9727** is the 20% darker color. If you saturate the color by 10%, you get **47.3855, 46.1160, 36.5414**, and if you desaturate by 10%, it is **57.1805, 59.1450, 60.0330**.

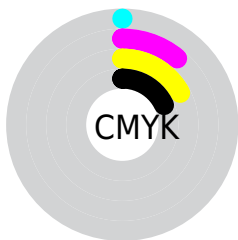
Distribution



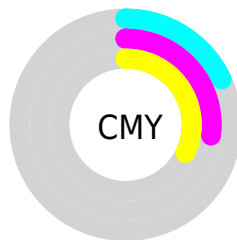
- Red (82%)
- Green (73%)
- Blue (68%)



- Red (82%)
- Yellow (76%)
- Blue (68%)



- Cyan (0%)
- Magenta (11%)
- Yellow (17%)
- Black (18%)




- Cyan (18%)
- Magenta (27%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.9886, 52.2983, 47.3989 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 51.9886, 52.2983, 47.3989 by changing the saturation by 10% instead.


 51.9886, 52.2983,
47.3989

 51.9886, 52.2983,
47.3989


384.7173,
395.5871, 392.8443

 37.2202, 37.2429,
32.9945

 92.2888, 93.5710,
87.6650

 25.5525, 25.3956,
21.8512


118.5512,
120.5571, 114.3637

 16.6201, 16.3720,
13.5503


149.3758,
152.2889, 145.9977

 10.0576, 9.7878,
7.6734

185.1278,
189.1508, 182.9853

 5.4997, 5.2585,
3.8019

226.1726,
231.5272, 225.7453

 2.5811, 2.3997,
1.5173

272.8755,

 0.9363, 0.8257,

279.8024, 274.6961

0.2308

325.6020,
334.3610, 330.2562

■ 0.0000, 0.0000,
0.0000

■ 51.9886, 52.2983,
47.3989

■ 51.9886, 52.2983,
47.3989

■ 47.3855, 46.1160,
36.5414

■ 57.1805, 59.1450,
60.0330

■ 43.3449, 40.5707,
27.3767

■ 62.9778, 66.6686,
74.5158

■ 39.8446, 35.6431,
19.8191

■ 69.4017, 74.8901,
90.9193

■ 36.8593, 31.3105,
13.7740

■ 75.9838, 83.6324,
106.7456

■ 34.3612, 27.5485,
9.1368

■ 80.0945, 91.8538,
108.1159

■ 32.3198, 24.3307,
5.7893

■ 80.3884, 92.4417,
108.2139

■ 30.6999, 21.6281,
3.5936

■ 29.4575, 19.4071,
2.3657

■ 29.1531, 18.8511,
2.1021

Harmonies

Analogous

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



53.5162, 52.2983, 51.5634



51.9886, 52.2983, 47.3989



49.8845, 52.2983, 45.7726

Triad

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



51.9886, 52.2983, 47.3989



45.6366, 52.2983, 56.4405



51.6746, 52.2983, 68.2596

Complementary

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



51.9886, 52.2983, 47.3989



49.0542, 53.5829, 68.7301

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.



49.5319, 52.2983, 69.7994



51.9886, 52.2983, 47.3989



46.0848, 52.2983, 62.6864

Square

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



51.9886, 52.2983, 47.3989



46.2526, 52.2983, 50.7491



47.4950, 52.2983, 67.6914



53.3312, 52.2983, 63.6235

Rectangle

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



51.9886, 52.2983, 47.3989



48.4520, 52.2983, 46.2503



47.4950, 52.2983, 67.6914



50.9854, 52.2983, 69.1707

Sweetspot

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



51.9900, 52.3006, 47.4000



90.5212, 94.1191, 97.5972



51.8388, 48.0240, 59.6017



19.2432, 19.9731, 20.5626



0.0000, 0.0000, 0.0000



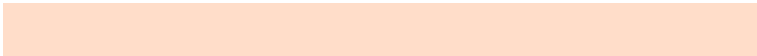
20.3446, 21.4041, 23.3091

Same Dimension

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



51.9900, 52.3006, 47.4000



77.6377, 77.1024, 66.3266



55.9544, 60.2295, 48.7215



12.1533, 12.4973, 12.3837



17.8702, 11.6734, 1.3113



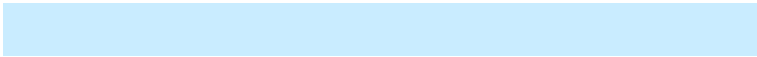
1.0736, 0.8016, 0.0981

Inverse Universe

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



49.0542, 53.5829, 68.7301



72.1551, 79.4931, 106.1485



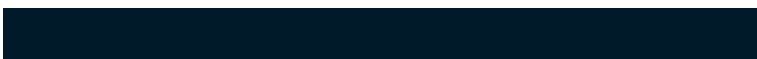
45.2894, 46.0533, 67.4752



11.7843, 12.6588, 15.0660



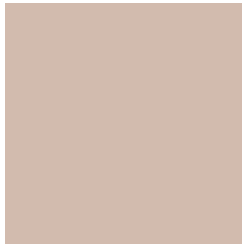
12.4064, 13.4594, 39.1365



0.7675, 0.9002, 2.2129

Previews

White Background



This preview shows how the XYZ color 51.9886, 52.2983, 47.3989 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 51.9886, 52.2983, 47.3989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

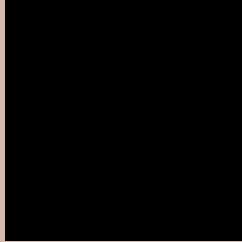
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.9886, 52.2983, 47.3989

Background



This preview shows how black text looks on a background with the XYZ color 51.9886, 52.2983, 47.3989.



This preview shows how white text looks on a background with the XYZ color 51.9886, 52.2983,

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

51.9886, 52.2983, 47.3989

Protanopia

50.0205, 52.5383, 48.5788

Deuteranopia

53.3078, 52.3528, 47.3399



Tritanopia

54.5671, 52.0903, 60.6045

Trichromacy



Original Color

51.9886, 52.2983, 47.3989

Protanomaly

50.7799, 52.6186, 48.0374

Deuteranomaly

52.9304, 52.4699, 47.3824

Tritanomaly

53.4772, 51.9522, 55.3533

Monochromacy



Original Color

51.9886, 52.2983, 47.3989

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.7236, 52.4718, 53.3536

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.9886, 52.2983, 47.3989 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(210, 187, 174) looks like.

```
.text, #text, p{  
    color:rgb(210, 187, 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(210, 187, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 187, 174) }
```

Border

The CSS property to change the border of an element to XYZ 51.9886, 52.2983, 47.3989 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(210, 187, 174) }
```


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

```
.border{ border-color:rgb(210, 187, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 187, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 187, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 187, 174);  
box-shadow:4px 4px 4px 4px rgb(210, 187,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 51.9886, 52.2983, 47.3989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 187, 174) }
```

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

```
.background{ background-color: rgb(210,  
187, 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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