

Converting Colors

XYZ(52.6888, 50.7289, 46.3385)

Have a look what the booklet for
XYZ(52.6888, 50.7289, 46.3385)
contains.

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Color

**XYZ(52.6820, 50.8166,
46.5671)**

Conversions

Conversions Part 1

Format	Color
Hex	D9B5AD
RGB	217, 181, 173
RGB Percent	85%, 71%, 68%
CMY	0.1490, 0.2902, 0.3216
CMYK	0.00, 0.17, 0.20, 0.15
HSL	11°, 37%, 76%
HSV	11°, 20%, 85%
XYZ	52.6820, 50.8166, 46.5671
YIQ	190.8520, 24.0240, 5.1440

Conversions

Conversions Part 2

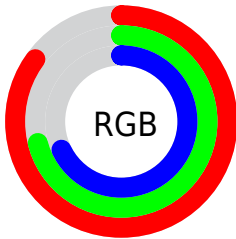
Format	Color
R _Y B	217, 183, 173
Decimal	14267821
CIE Lab	76.57, 11.72, 8.91
CIE LCh	77, 14.725, 37.259
Yxy	50.8166, 0.3511, 0.3386
Android (android.graphics.Color)	4292457901 (0xFFD9B5AD)
YUV	190.8520, -8.8010, 22.9318
Hunter-Lab	71.2858, 7.1660, 11.1691

Details

The XYZ color **52.6820, 50.8166, 46.5671** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.5580, 59.4935, 74.3594**, and the grayscale version is **49.4763, 52.0529, 56.6856**.

A 20% lighter version of the original color is **85.5278, 87.4298, 85.7666**, and **26.0707, 24.5002, 21.4441** is the 20% darker color. If you saturate the color by 10%, you get **47.3680, 43.2802, 35.2640**, and if you desaturate by 10%, it is **58.7998, 59.4140, 59.8219**.

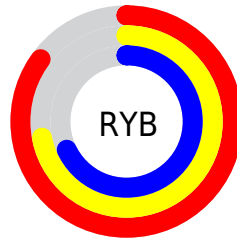
Distribution



Red (85%)

Green (71%)

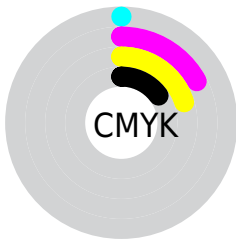
Blue (68%)



Red (85%)

Yellow (72%)

Blue (68%)

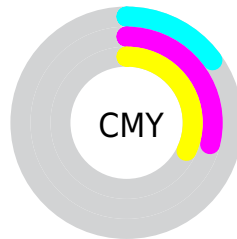


Cyan (0%)

Magenta (17%)

Yellow (20%)

Black (15%)



Cyan (15%)


Magenta (29%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.6820, 50.8166, 46.5671 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 52.6820, 50.8166, 46.5671 by changing the saturation by 10% instead.


 52.6820, 50.8166,
46.5671

 52.6820, 50.8166,
46.5671

387.3447,
389.8508, 389.4275

 37.7754, 36.0627,
32.3417

 93.3046, 91.3836,
86.4103

 25.9849, 24.4826,
21.3556


119.7513,
117.9655, 112.8651

 16.9449, 15.6920,
13.1904

150.7754,
149.2588, 144.2335

 10.2903, 9.3065,
7.4275

186.7423,
185.6480, 180.9340

 5.6556, 4.9416,
3.6484

228.0173,
227.5174, 223.3851

 2.6755, 2.2130,
1.4345

274.9658,

 0.9846, 0.7271,

275.2514, 272.0053

0.1684

327.9532,
329.2344, 327.2133

■ 0.0000, 0.0000,
0.0000

■ 52.6820, 50.8166,
46.5671

■ 52.6820, 50.8166,
46.5671

■ 47.3680, 43.2802,
35.2640

■ 58.7998, 59.4140,
59.8219

■ 42.8200, 36.7568,
25.8169

■ 65.7490, 69.1042,
75.1113

■ 39.0033, 31.2050,
18.1273

■ 73.5608, 79.9264,
92.5174

■ 35.8787, 26.5777,
12.0856

■ 81.4808, 91.6024,
107.9943

■ 33.4034, 22.8241,
7.5705

■ 82.4255, 93.4918,
108.3092

■ 31.5295, 19.8880,
4.4434

■ 30.2019, 17.7067,
2.5403

■ 29.3567, 16.2342,
1.5863

Harmonies

Analogous

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



53.8008, 50.8166, 53.4181



52.6820, 50.8166, 46.5671



50.3965, 50.8166, 42.3742

Triad

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



52.6820, 50.8166, 46.5671



43.5338, 50.8166, 49.6190



48.9785, 50.8166, 71.9555

Complementary

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



52.6820, 50.8166, 46.5671



52.5580, 59.4935, 74.3594

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.



46.2618, 50.8166, 70.6907



52.6820, 50.8166, 46.5671



43.1869, 50.8166, 57.2883

Square

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



52.6820, 50.8166, 46.5671



45.1340, 50.8166, 44.0146



44.1673, 50.8166, 65.1300



51.6100, 50.8166, 68.4368

Rectangle

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



52.6820, 50.8166, 46.5671



48.5559, 50.8166, 41.3998



44.1673, 50.8166, 65.1300



48.0444, 50.8166, 72.0809

Sweetspot

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



52.6834, 50.8189, 46.5682



88.8198, 91.3258, 95.1509



55.1508, 49.2761, 67.3602



18.8717, 19.3530, 20.0601



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.



52.6834, 50.8189, 46.5682



72.7704, 68.7766, 60.3611



57.3575, 60.1671, 48.1262



13.2467, 13.4327, 13.6202



17.8265, 9.9385, 0.9788



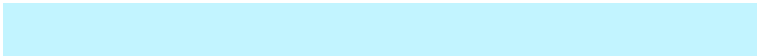
1.2128, 0.7598, 0.0827

Inverse Universe

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



52.5580, 59.4935, 74.3594



72.5575, 83.2843, 106.8590



47.6707, 49.7188, 72.7303



13.2330, 14.4057, 16.7353



17.2333, 22.3360, 43.1414



1.1700, 1.5541, 2.8128

Previews

White Background



This preview shows how the XYZ color 52.6820, 50.8166, 46.5671 looks on a white background.

Color Contrast Check

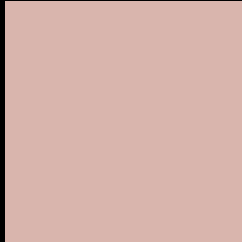
Large Text (above 18pt) WCAG AA × Fail

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 52.6820, 50.8166, 46.5671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

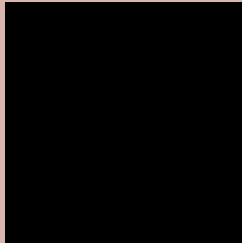
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.6820, 50.8166, 46.5671

Background



This preview shows how black text looks on a background with the XYZ color 52.6820, 50.8166, 46.5671.



This preview shows how white text looks on a background with the XYZ color 52.6820, 50.8166,

46.5671.

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

52.6820, 50.8166, 46.5671

Protanopia

48.4247, 50.7429, 48.8371

Deuteranopia

51.7113, 50.6192, 46.5802



Tritanopia

54.6482, 50.7066, 56.7763

Trichromacy



Original Color

52.6820, 50.8166, 46.5671

Protanomaly

49.8140, 50.5290, 48.2019

Deuteranomaly

52.0023, 50.7692, 46.5938

Tritanomaly

53.7905, 50.6484, 52.8400

Monochromacy



Original Color

52.6820, 50.8166, 46.5671

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

50.2415, 51.2807, 52.5976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6820, 50.8166, 46.5671 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(217, 181, 173)` looks like.

```
.text, #text, p{  
    color:rgb(217, 181, 173)  
}
```

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(217, 181, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 181, 173) }
```

Border

The CSS property to change the border of an element to XYZ 52.6820, 50.8166, 46.5671 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(217, 181, 173) }
```


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

```
.border{ border-color:rgb(217, 181, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 181, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 181, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 181, 173);  
box-shadow:4px 4px 4px 4px rgb(217, 181,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6820, 50.8166, 46.5671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 181, 173) }
```

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

```
.background{ background-color: rgb(217,  
181, 173) }
```

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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