

Converting Colors

XYZ(51.2181, 50.0619, 46.4986)

Have a look what the booklet for
XYZ(51.2181, 50.0619, 46.4986)
contains.

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Color

**XYZ(51.2181, 50.0619,
46.4986)**

Conversions

Conversions Part 1

Format	Color
Hex	D4B5AD
RGB	212, 181, 173
RGB Percent	83%, 71%, 68%
CMY	0.1686, 0.2902, 0.3216
CMYK	0.00, 0.15, 0.18, 0.17
HSL	12°, 31%, 75%
HSV	12°, 18%, 83%
XYZ	51.2181, 50.0619, 46.4986
YIQ	189.3570, 21.0440, 4.0840

Conversions

Conversions Part 2

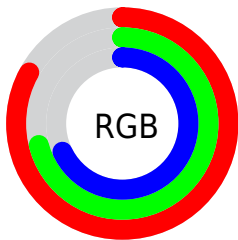
Format	Color
R _Y B	212, 183, 173
Decimal	13940141
CIE Lab	76.11, 9.86, 8.19
CIE LCh	76, 12.824, 39.716
Yxy	50.0619, 0.3466, 0.3388
Android (android.graphics.Color)	4292130221 (0xFFD4B5AD)
YUV	189.3570, -8.0640, 19.8579
Hunter-Lab	70.7544, 5.3933, 10.5637

Details

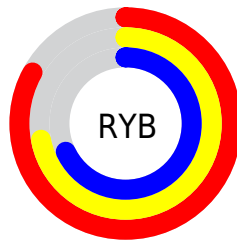
The XYZ color **51.2181, 50.0619, 46.4986** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.7098, 56.8222, 70.5830**, and the grayscale version is **48.6116, 51.1432, 55.6949**.

A 20% lighter version of the original color is **85.5278, 87.4298, 85.7666**, and **25.0750, 23.9869, 21.3975** is the 20% darker color. If you saturate the color by 10%, you get **46.1062, 42.8644, 35.4641**, and if you desaturate by 10%, it is **57.0727, 58.2229, 59.3877**.

Distribution



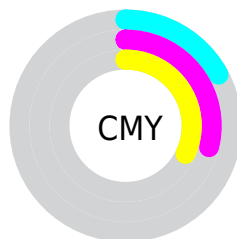
- Red (83%)
- Green (71%)
- Blue (68%)



- Red (83%)
- Yellow (72%)
- Blue (68%)



- Cyan (0%)
- Magenta (15%)
- Yellow (18%)
- Black (17%)





- Cyan (17%)
- Magenta (29%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.2181, 50.0619, 46.4986 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 51.2181, 50.0619, 46.4986 by changing the saturation by 10% instead.


 51.2181, 50.0619,
46.4986

 51.2181, 50.0619,
46.4986


381.7843,
386.9080, 389.1452

 36.6040, 35.4626,
32.2880


 91.1582, 90.2666,
86.3068

 25.0733, 24.0194,
21.3149


117.2148,
116.6407, 112.7415

 16.2607, 15.3480,
13.1609


147.8163,
147.7086, 144.0879

 9.8008, 9.0640,
7.4074

183.3280,
183.8547, 180.7646

 5.3283, 4.7830,
3.6359

224.1153,
225.4632, 223.1902

 2.4779, 2.1205,
1.4278

270.5435,

 0.8841, 0.6761,

272.9187, 271.7831

0.1633

322.9781,
326.6055, 326.9619

■ 0.0000, 0.0000,
0.0000

■ 51.2181, 50.0619,
46.4986

■ 51.2181, 50.0619,
46.4986

■ 46.1062, 42.8644,
35.4641

■ 57.0727, 58.2229,
59.3877

■ 41.7028, 36.5880,
26.1955

■ 63.6940, 67.3742,
74.2083

■ 37.9772, 31.1971,
18.6015

■ 71.1104, 77.5501,
91.0367

■ 34.8946, 26.6515,
12.5813

■ 78.8928, 88.5995,
107.5511

■ 32.4172, 22.9073,
8.0233

■ 80.9616, 92.7372,
108.2407

■ 30.5029, 19.9169,
4.8009

■ 29.1036, 17.6273,
2.7658

■ 28.1555, 15.9751,
1.6972

■ 28.0341, 15.7621,
1.5648

Harmonies

Analogous

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



52.2735, 50.0619, 52.3104



51.2181, 50.0619, 46.4986



49.1988, 50.0619, 43.0367

Triad

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



51.2181, 50.0619, 46.4986



43.3870, 50.0619, 50.0578



48.3648, 50.0619, 68.5887

Complementary

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



51.2181, 50.0619, 46.4986



50.7098, 56.8222, 70.5830

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.



46.0017, 50.0619, 67.8576



51.2181, 50.0619, 46.4986



43.1806, 50.0619, 56.7681

Square

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



51.2181, 50.0619, 46.4986



44.6963, 50.0619, 44.9688



44.1228, 50.0619, 63.3900



50.5900, 50.0619, 65.3110

Rectangle

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



51.2181, 50.0619, 46.4986



47.6052, 50.0619, 42.3411



44.1228, 50.0619, 63.3900



47.5595, 50.0619, 68.8095

Sweetspot

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



51.2195, 50.0642, 46.4996



88.9264, 91.5389, 95.1865



53.0186, 48.2541, 63.7727



18.8968, 19.4032, 20.0685



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.



51.2195, 50.0642, 46.4996



74.6859, 71.6764, 63.8705



55.4186, 58.4624, 47.8994



12.6277, 12.8295, 12.9715



17.3648, 9.8469, 0.9854



1.1076, 0.7143, 0.0795

Inverse Universe

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



50.7098, 56.8222, 70.5830



73.7731, 83.7414, 106.8832



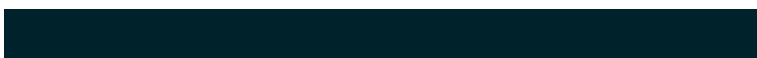
46.4042, 48.2109, 69.1477



12.5657, 13.6549, 15.9109



16.1106, 20.4830, 41.5576



1.0276, 1.3471, 2.5252

Previews

White Background



This preview shows how the XYZ color 51.2181, 50.0619, 46.4986 looks on a white background.

Color Contrast Check

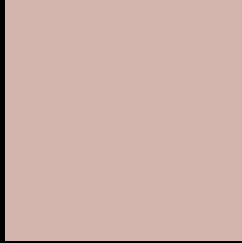
Large Text (above 18pt) WCAG AA × Fail

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 51.2181, 50.0619, 46.4986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

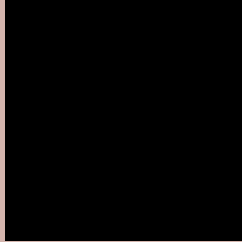
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.2181, 50.0619, 46.4986

Background



This preview shows how black text looks on a background with the XYZ color 51.2181, 50.0619, 46.4986.



This preview shows how white text looks on a background with the XYZ color 51.2181, 50.0619,

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

51.2181, 50.0619, 46.4986

Protanopia

47.8549, 50.1446, 48.2309

Deuteranopia

50.9307, 49.9138, 46.4851



Tritanopia

53.1664, 49.9427, 56.7069

Trichromacy



Original Color

51.2181, 50.0619, 46.4986

Protanomaly

49.1742, 50.2106, 47.6573

Deuteranomaly

50.9307, 49.9138, 46.4851

Tritanomaly

52.3176, 49.8891, 52.7711

Monochromacy



Original Color

51.2181, 50.0619, 46.4986

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.1321, 50.4070, 51.9397

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.2181, 50.0619, 46.4986 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(212, 181, 173)` looks like.

```
.text, #text, p{  
    color:rgb(212, 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(212, 181, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 181, 173) }
```

Border

The CSS property to change the border of an element to XYZ 51.2181, 50.0619, 46.4986 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(212, 181, 173) }
```


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

```
.border{ border-color:rgb(212, 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(212, 181, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 181, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 181, 173);  
box-shadow:4px 4px 4px 4px rgb(212, 181,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 51.2181, 50.0619, 46.4986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 181, 173) }
```

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

```
.background{ background-color: rgb(212,  
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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