

Converting Colors

XYZ(50.2991, 51.4597, 36.8981)

Have a look what the booklet for
XYZ(50.2991, 51.4597, 36.8981)
contains.

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Color

**XYZ(50.3778, 51.3819,
36.9683)**

Conversions

Conversions Part 1

Format	Color
Hex	D4BA98
RGB	212, 186, 152
RGB Percent	83%, 73%, 60%
CMY	0.1686, 0.2706, 0.4039
CMYK	0.00, 0.12, 0.28, 0.17
HSL	34°, 41%, 71%
HSV	34°, 28%, 83%
XYZ	50.3778, 51.3819, 36.9683
YIQ	189.8980, 26.4100, -5.0620

Conversions

Conversions Part 2

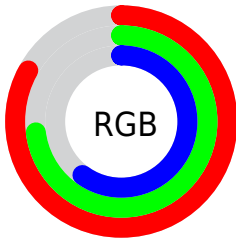
Format	Color
R _Y B	198, 212, 152
Decimal	13941400
CIE Lab	76.91, 4.17, 20.66
CIE LCh	77, 21.080, 78.596
Yxy	51.3819, 0.3631, 0.3704
Android (android.graphics.Color)	4292131480 (0xFFD4BA98)
YUV	189.8980, -18.6837, 19.3835
Hunter-Lab	71.6812, 0.0084, 19.5990

Details

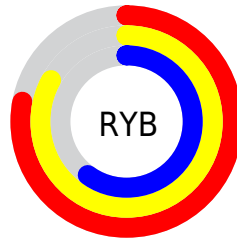
The XYZ color **50.3778, 51.3819, 36.9683** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.7526, 43.2684, 68.4913**, and the grayscale version is **48.9795, 51.5302, 56.1164**.

A 20% lighter version of the original color is **84.1327, 89.2205, 71.1795**, and **24.6411, 24.8827, 15.8160** is the 20% darker color. If you saturate the color by 10%, you get **46.9214, 47.0038, 28.0019**, and if you desaturate by 10%, it is **54.2716, 56.1377, 47.6128**.

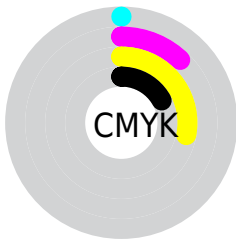
Distribution



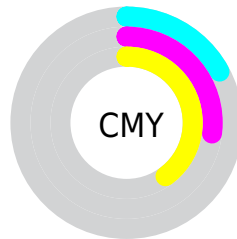
- Red (83%)
- Green (73%)
- Blue (60%)



- Red (78%)
- Yellow (83%)
- Blue (60%)



- Cyan (0%)
- Magenta (12%)
- Yellow (28%)
- Black (17%)




- Cyan (17%)
- Magenta (27%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.3778, 51.3819, 36.9683 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 50.3778, 51.3819, 36.9683 by changing the saturation by 10% instead.


 50.3778, 51.3819,
36.9683


 50.3778, 51.3819,
36.9683


378.5691,
392.0457, 348.3378

 35.9327, 36.5126,
24.8874


 89.9229, 92.2190,
71.7098

 24.5521, 24.8304,
15.7749


 115.7536,
118.9557, 95.2075

 15.8706, 15.9507,
9.2124


146.1101,
150.4169, 123.3477

 9.5229, 9.4893,
4.7813

181.3580,
186.9872, 156.5492

 5.1436, 5.0617,
2.0630

221.8625,
229.0508, 195.2304

 2.3674, 2.2835,
0.5936

267.9889,

 0.8288, 0.7650,

276.9921, 239.8099

0.0000

320.1027,
331.1956, 290.7062

■ 0.0000, 0.0000,
0.0000

■ 50.3778, 51.3819,
36.9683

■ 50.3778, 51.3819,
36.9683

■ 46.9214, 47.0038,
28.0019

■ 54.2716, 56.1377,
47.6128

■ 43.8797, 42.9850,
20.6226

■ 58.6165, 61.2747,
60.0136

■ 41.2334, 39.3160,
14.7355

■ 63.4302, 66.8054,
74.2477

■ 38.9601, 35.9837,
10.2341

■ 68.7283, 72.7395,
90.3867

■ 37.0344, 32.9740,
6.9976

■ 74.0386, 78.8913,
105.9330

■ 35.4270, 30.2709,
4.8842

■ 76.6910, 84.1962,
106.8172

■ 34.0952, 27.8530,
3.6826

■ 79.4806, 89.7754,
107.7471

■ 33.8859, 27.4661,
3.5155

■ 80.9614, 92.7371,
108.2407

Harmonies

Analogous

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



54.1171, 51.3819, 40.9612



50.3778, 51.3819, 36.9683



46.4187, 51.3819, 37.5149

Triad

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



50.3778, 51.3819, 36.9683



41.8861, 51.3819, 63.2890



54.8528, 51.3819, 71.8618

Complementary

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



50.3778, 51.3819, 36.9683



40.7526, 43.2684, 68.4913

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.



51.3377, 51.3819, 79.5993



50.3778, 51.3819, 36.9683



43.9120, 51.3819, 74.2015

Square

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



50.3778, 51.3819, 36.9683



41.6605, 51.3819, 51.6916



47.3279, 51.3819, 80.5097



56.7935, 51.3819, 60.4280

Rectangle

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



50.3778, 51.3819, 36.9683



44.1823, 51.3819, 40.3985



47.3279, 51.3819, 80.5097



53.8076, 51.3819, 75.0447

Sweetspot

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



50.3791, 51.3842, 36.9694



89.1826, 93.2449, 91.5923



46.4159, 39.6685, 47.3304



18.8638, 19.6957, 18.9518



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.



50.3791, 51.3842, 36.9694



73.2614, 73.9495, 47.6049



55.2237, 62.7641, 38.9106



13.0015, 13.5771, 13.0961



21.0208, 17.1587, 2.2041



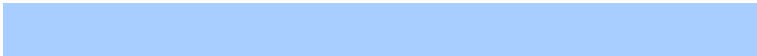
1.3495, 1.1981, 0.1601

Inverse Universe

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



40.7526, 43.2684, 68.4913



56.3008, 59.6546, 103.1549



36.8228, 34.2786, 66.9632



12.1807, 12.8849, 15.7826



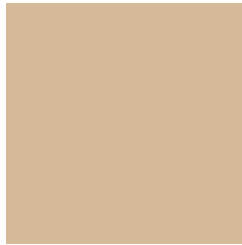
9.7866, 7.8350, 39.4497



0.6717, 0.6354, 2.4066

Previews

White Background



This preview shows how the XYZ color 50.3778, 51.3819, 36.9683 looks on a white background.

Color Contrast Check

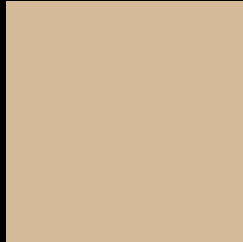
Large Text (above 18pt) WCAG AA × Fail

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 50.3778, 51.3819, 36.9683 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 50.3778, 51.3819, 36.9683

Background



This preview shows how black text looks on a background with the XYZ color 50.3778, 51.3819, 36.9683.



This preview shows how white text looks on a background with the XYZ color 50.3778, 51.3819,

36.9683.

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

50.3778, 51.3819, 36.9683

Protanopia

48.3336, 51.5775, 37.9799

Deuteranopia

52.2965, 51.1280, 37.2494



Tritanopia

54.6741, 51.2893, 58.0571

Trichromacy



Original Color

50.3778, 51.3819, 36.9683

Protanomaly

49.1242, 51.6742, 37.5220

Deuteranomaly

51.5967, 51.0723, 37.2755

Tritanomaly

52.8890, 51.1576, 49.7347

Monochromacy



Original Color

50.3778, 51.3819, 36.9683

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.3228, 51.5355, 48.4221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.3778, 51.3819, 36.9683 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, 186, 152) looks like.

```
.text, #text, p{  
    color:rgb(212, 186, 152)  
}
```

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, 186, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 186, 152) }
```

Border

The CSS property to change the border of an element to XYZ 50.3778, 51.3819, 36.9683 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, 186, 152) }
```


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

```
.border{ border-color:rgb(212, 186, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 186, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 186, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 186, 152);  
box-shadow:4px 4px 4px 4px rgb(212, 186,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 50.3778, 51.3819, 36.9683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 186, 152) }
```

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

```
.background{ background-color: rgb(212,  
186, 152) }
```

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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