

Converting Colors

XYZ(50.7436, 50.8899, 34.0523)

Have a look what the booklet for
XYZ(50.7436, 50.8899, 34.0523)
contains.

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Color

**XYZ(50.8666, 51.0770,
33.9660)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D9B891 |
| RGB | 217, 184, 145 |
| RGB Percent | 85%, 72%, 57% |
| CMY | 0.1490, 0.2784, 0.4314 |
| CMYK | 0.00, 0.15, 0.33, 0.15 |
| HSL | 33°, 49%, 71% |
| HSV | 33°, 33%, 85% |
| XYZ | 50.8666, 51.0770, 33.9660 |
| YIQ | 189.4210, 32.1870, -5.1330 |

Conversions

Conversions Part 2

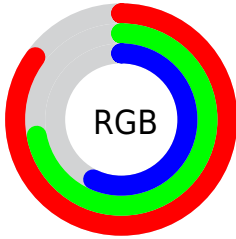
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 206, 217, 145 |
| Decimal | 14268561 |
| CIE Lab | 76.73, 6.27, 24.23 |
| CIE LCh | 77, 25.028, 75.500 |
| Yxy | 51.0770, 0.3743, 0.3758 |
| Android (android.graphics.Color) | 4292458641 (0xFFD9B891) |
| YUV | 189.4210, -21.8996, 24.1868 |
| Hunter-Lab | 71.4682, 1.9759, 21.8495 |

Details

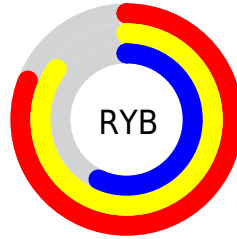
The XYZ color **50.8666, 51.0770, 33.9660** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **40.1215, 42.8691, 71.8057**, and the grayscale version is **48.7207, 51.2579, 55.8199**.

A 20% lighter version of the original color is **82.7089, 87.7037, 66.6021**, and **24.8346, 24.6178, 14.0325** is the 20% darker color. If you saturate the color by 10%, you get **47.3572, 46.4850, 25.3146**, and if you desaturate by 10%, it is **54.8435, 56.0920, 44.3511**.

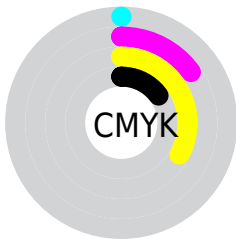
Distribution



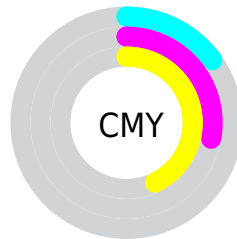
- Red (85%)
- Green (72%)
- Blue (57%)



- Red (81%)
- Yellow (85%)
- Blue (57%)



- Cyan (0%)
- Magenta (15%)
- Yellow (33%)
- Black (15%)





- Cyan (15%)
- Magenta (28%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.8666, 51.0770, 33.9660 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 50.8666, 51.0770, 33.9660 by changing the saturation by 10% instead.


 50.8666, 51.0770,
33.9660

 50.8666, 51.0770,
33.9660


380.4415,
390.8629, 334.7449

 36.3231, 36.2699,
22.5903


 90.6417, 91.7686,
67.0141

 24.8551, 24.6427,
14.0889

 116.6040,
118.4218, 89.5236

 16.0973, 15.8111,
8.0430


147.1033,
149.7926, 116.5814

 9.6843, 9.3906,
4.0343

182.5049,
186.2653, 148.6062

 5.2508, 4.9968,
1.6442

223.1741,
228.2243, 186.0164

 2.4314, 2.2454,
0.3221

269.4764,

 0.8608, 0.7446,

276.0539, 229.2305

0.0000

321.7771,
330.1387, 278.6672

■ 0.0000, 0.0000,
0.0000

■ 50.8666, 51.0770,
33.9660

■ 50.8666, 51.0770,
33.9660

■ 47.3572, 46.4850,
25.3146

■ 54.8435, 56.0920,
44.3511

■ 44.2902, 42.2958,
18.2966

■ 59.3036, 61.5355,
56.5563

■ 41.6437, 38.4975,
12.8063

■ 64.2667, 67.4216,
70.6657

■ 39.3919, 35.0748,
8.7239

■ 69.7501, 73.7616,
86.7576

■ 37.5058, 32.0108,
5.9114

■ 75.7704, 80.5664,
104.9055

■ 35.9503, 29.2860,
4.2025

■ 78.9175, 86.4760,
107.1399

■ 35.0415, 27.6041,
3.4812

■ 81.9856, 92.6123,
108.1626

■ 82.4253, 93.4917,
108.3092

Harmonies

Analogous

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



55.2241, 51.0770, 38.9874



50.8666, 51.0770, 33.9660



46.1505, 51.0770, 34.0510

Triad

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



50.8666, 51.0770, 33.9660



40.2785, 51.0770, 62.8903



55.3469, 51.0770, 76.0035

Complementary

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



50.8666, 51.0770, 33.9660



40.1215, 42.8691, 71.8057

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.



51.0254, 51.0770, 84.7711



50.8666, 51.0770, 33.9660



42.4313, 51.0770, 76.4012

Square

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



50.8666, 51.0770, 33.9660



40.2421, 51.0770, 49.3275



46.2993, 51.0770, 84.9275



57.9228, 51.0770, 62.4135

Rectangle

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



50.8666, 51.0770, 33.9660



43.4414, 51.0770, 36.9452



46.2993, 51.0770, 84.9275



54.0381, 51.0770, 79.7033

Sweetspot

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



50.8679, 51.0794, 33.9670



87.5975, 91.2345, 87.4884



46.8374, 38.2416, 47.3493



18.5382, 19.2756, 18.1312



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.



50.8679, 51.0794, 33.9670



69.6082, 68.7968, 39.7474



57.8309, 66.0568, 36.4910



13.6375, 14.2144, 13.7505



21.3192, 16.9239, 2.1430



1.4670, 1.2680, 0.1674

Inverse Universe

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



40.1215, 42.8691, 71.8057



51.7818, 55.1822, 102.5298



34.7549, 31.5013, 69.8943



12.8279, 13.5955, 16.6002



10.4112, 8.6918, 40.8674



0.7600, 0.7341, 2.6761

Previews

White Background



This preview shows how the XYZ color 50.8666, 51.0770, 33.9660 looks on a white background.

Color Contrast Check

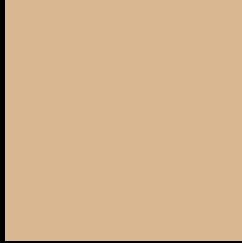
Large Text (above 18pt) WCAG AA × Fail

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 50.8666, 51.0770, 33.9660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

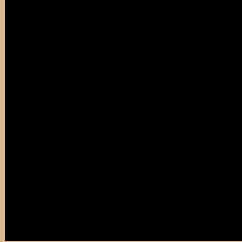
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.8666, 51.0770, 33.9660

Background



This preview shows how black text looks on a background with the XYZ color 50.8666, 51.0770, 33.9660.



This preview shows how white text looks on a background with the XYZ color 50.8666, 51.0770,

33.9660.

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

50.8666, 51.0770, 33.9660

Protanopia

47.8212, 51.0583, 34.9386

Deuteranopia

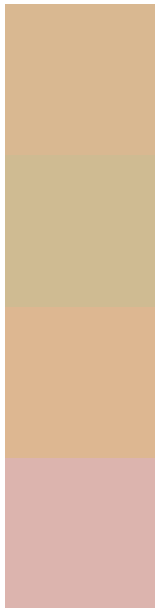
52.2702, 51.1882, 33.9134



Tritanopia

55.4486, 51.1320, 56.2372

Trichromacy



Original Color

50.8666, 51.0770, 33.9660

Protanomaly

48.6908, 50.8814, 34.4489

Deuteranomaly

51.8631, 51.2835, 33.9533

Tritanomaly

53.4764, 50.9142, 47.0533

Monochromacy



Original Color

50.8666, 51.0770, 33.9660

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

48.8663, 50.6999, 46.7457

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.8666, 51.0770, 33.9660 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, 184, 145)` looks like.

```
.text, #text, p{  
    color:rgb(217, 184, 145)  
}
```

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, 184, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 184, 145) }
```

Border

The CSS property to change the border of an element to XYZ 50.8666, 51.0770, 33.9660 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, 184, 145) }
```


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

```
.border{ border-color:rgb(217, 184, 145) }
```

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

Here you see how a box with a 4 pixel rgb(217, 184, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 184, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 184, 145);  
box-shadow:4px 4px 4px 4px rgb(217, 184,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 50.8666, 51.0770, 33.9660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 184, 145) }
```

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

```
.background{ background-color: rgb(217,  
184, 145) }
```

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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