

Converting Colors

XYZ(50.1153, 49.1005, 50.5520)

Have a look what the booklet for
XYZ(50.1153, 49.1005, 50.5520)
contains.

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Color

**XYZ(50.1153, 49.1005,
50.5520)**

Conversions

Conversions Part 1

Format	Color
Hex	CEB4B5
RGB	206, 180, 181
RGB Percent	81%, 71%, 71%
CMY	0.1922, 0.2941, 0.2902
CMYK	0.00, 0.13, 0.12, 0.19
HSL	358°, 21%, 76%
HSV	358°, 13%, 81%
XYZ	50.1153, 49.1005, 50.5520
YIQ	187.8880, 15.1750, 5.8230

Conversions

Conversions Part 2

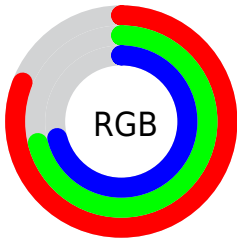
Format	Color
R _Y B	206, 180, 181
Decimal	13546677
CIE Lab	75.51, 9.48, 2.92
CIE LCh	76, 9.920, 17.098
Yxy	49.1005, 0.3346, 0.3278
Android (android.graphics.Color)	4291736757 (0xFFCEB4B5)
YUV	187.8880, -3.3958, 15.8842
Hunter-Lab	70.0717, 5.0376, 6.2765

Details

The XYZ color **50.1153, 49.1005, 50.5520** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.9150, 58.2548, 66.2685**, and the grayscale version is **47.7501, 50.2369, 54.7079**.

A 20% lighter version of the original color is **86.5215, 87.3653, 92.4238**, and **24.4345, 23.4127, 23.6533** is the 20% darker color. If you saturate the color by 10%, you get **44.3715, 40.6376, 39.3116**, and if you desaturate by 10%, it is **56.7690, 58.9195, 63.5229**.

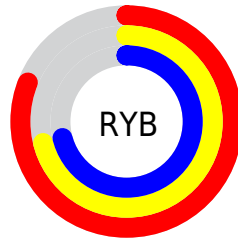
Distribution



Red (81%)

Green (71%)

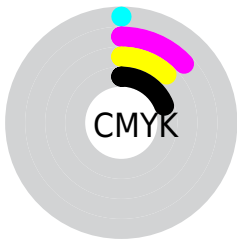
Blue (71%)



Red (81%)

Yellow (71%)

Blue (71%)

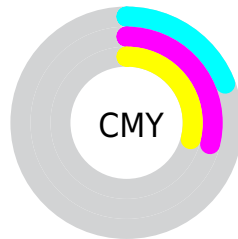


Cyan (0%)

Magenta (13%)

Yellow (12%)

Black (19%)



Cyan (19%)


Magenta (29%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.1153, 49.1005, 50.5520 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 50.1153, 49.1005, 50.5520 by changing the saturation by 10% instead.


 50.1153, 49.1005,
50.5520

 50.1153, 49.1005,
50.5520


377.5612,
383.1378, 405.6174

 35.7232, 34.6992,
35.4779

 89.5365, 88.8407,
92.3969

 24.3896, 23.4313,
23.7448


115.2963,
114.9484, 120.0049

 15.7492, 14.9123,
14.9340


145.5760,
145.7270, 152.6279

 9.4366, 8.7578,
8.6269

180.7410,
181.5610, 190.6844

 5.0864, 4.5836,
4.4052

221.1567,
222.8346, 234.5931

 2.3333, 2.0051,
1.8502

267.1884,

 0.8116, 0.6104,

269.9324, 284.7725

0.4607

319.2014,
323.2387, 341.6411

■ 0.0000, 0.0000,
0.0000

■ 50.1153, 49.1005,
50.5520

■ 50.1153, 49.1005,
50.5520

■ 44.3715, 40.6376,
39.3116

■ 56.7690, 58.9195,
63.5229

■ 39.4942, 33.4651,
29.7256

■ 64.3653, 70.1435,
78.2898

■ 35.4426, 27.5215,
21.7169

■ 72.9406, 82.8273,
94.9187

■ 32.1709, 22.7380,
15.2010

■ 79.2638, 91.8619,
108.1612

■ 29.6290, 19.0387,
10.0855

■ 27.7609, 16.3389,
6.2678

■ 26.5026, 14.5414,
3.6312

■ 25.7774, 13.5293,
2.0382

■ 25.4970, 13.1392,
1.4190

Harmonies

Analogous

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



50.1853, 49.1005, 55.7453



50.1153, 49.1005, 50.5520



49.1066, 49.1005, 46.4108

Triad

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



50.1153, 49.1005, 50.5520



44.1367, 49.1005, 46.8875



45.8868, 49.1005, 63.9055

Complementary

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



50.1153, 49.1005, 50.5520



51.9150, 58.2548, 66.2685

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.



44.3126, 49.1005, 61.1937



50.1153, 49.1005, 50.5520



43.3201, 49.1005, 51.2421

Square

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



50.1153, 49.1005, 50.5520



45.6410, 49.1005, 44.3919



43.3836, 49.1005, 56.4818



47.7114, 49.1005, 63.6906

Rectangle

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



50.1153, 49.1005, 50.5520



48.0522, 49.1005, 44.7011



43.3836, 49.1005, 56.4818



45.3118, 49.1005, 63.2989

Sweetspot

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



50.1167, 49.1027, 50.5530



90.3425, 93.0481, 99.7376



52.5573, 50.0374, 65.2811



19.1535, 19.6452, 20.9905



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.



50.1167, 49.1027, 50.5530



78.6716, 75.8302, 76.9681



52.4770, 53.9864, 50.8373



11.2295, 11.2205, 11.7429



15.7083, 8.0939, 0.9168



0.8166, 0.4200, 0.0801

Inverse Universe

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



50.1167, 49.1027, 50.5530



78.6716, 75.8302, 76.9681



49.3234, 52.8786, 65.9999



11.2295, 11.2205, 11.7429



15.7083, 8.0939, 0.9168



0.8166, 0.4200, 0.0801

Previews

White Background



This preview shows how the XYZ color 50.1153, 49.1005, 50.5520 looks on a white background.

Color Contrast Check

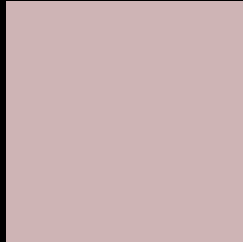
Large Text (above 18pt) WCAG AA × Fail

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 50.1153, 49.1005, 50.5520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

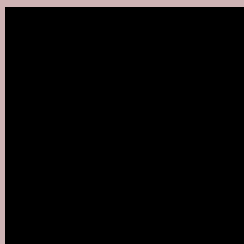
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.1153, 49.1005, 50.5520

Background



This preview shows how black text looks on a background with the XYZ color 50.1153, 49.1005, 50.5520.



This preview shows how white text looks on a background with the XYZ color 50.1153, 49.1005,

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

50.1153, 49.1005, 50.5520

Protanopia

47.2359, 49.1058, 52.3362

Deuteranopia

50.1153, 49.1005, 50.5520



Tritanopia

51.1669, 48.9120, 56.6133

Trichromacy



Original Color

50.1153, 49.1005, 50.5520

Protanomaly

48.2457, 49.0216, 51.7190

Deuteranomaly

50.1153, 49.1005, 50.5520

Tritanomaly

50.9293, 49.1364, 54.3770

Monochromacy



Original Color

50.1153, 49.1005, 50.5520

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.6116, 49.8028, 52.9497

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.1153, 49.1005, 50.5520 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(206, 180, 181)` looks like.

```
.text, #text, p{  
    color:rgb(206, 180, 181)  
}
```

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(206, 180, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 180, 181) }
```

Border

The CSS property to change the border of an element to XYZ 50.1153, 49.1005, 50.5520 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(206, 180, 181) }
```


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

```
.border{ border-color:rgb(206, 180, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 180, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 180, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 180, 181);  
box-shadow:4px 4px 4px 4px rgb(206, 180,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 50.1153, 49.1005, 50.5520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 180, 181) }
```

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

```
.background{ background-color: rgb(206,  
180, 181) }
```

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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