

Converting Colors

XYZ(45.7505, 50.3651, 50.7880)

Have a look what the booklet for
XYZ(45.7505, 50.3651, 50.7880)
contains.

XYZ(45.7937, 50.3011, 51.0116)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(45.7937, 50.3011,
51.0116)**

Conversions

Conversions Part 1

Format	Color
Hex	B4BFB5
RGB	180, 191, 181
RGB Percent	71%, 75%, 71%
CMY	0.2941, 0.2510, 0.2902
CMYK	0.06, 0.00, 0.05, 0.25
HSL	125°, 8%, 73%
HSV	125°, 6%, 75%
XYZ	45.7937, 50.3011, 51.0116
YIQ	186.5710, -3.3460, -5.4420

Conversions

Conversions Part 2

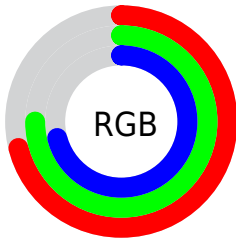
Format	Color
RYB	180, 190, 191
Decimal	11845557
CIELab	76.25, -5.67, 3.72
CIELCh	76, 6.783, 146.700
Yxy	50.3011, 0.3113, 0.3419
Android (android.graphics.Color)	4290035637 (0xFFB4BFB5)
YUV	186.5710, -2.7465, -5.7628
Hunter-Lab	70.9233, -8.8619, 7.0019

Details

The XYZ color **45.7937, 50.3011, 51.0116** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.1032, 47.4379, 55.3914**, and the grayscale version is **47.0100, 49.4582, 53.8600**.

A 20% lighter version of the original color is **83.1389, 90.4688, 93.2011**, and **21.7372, 24.2475, 23.9566** is the 20% darker color. If you saturate the color by 10%, you get **39.9779, 47.4976, 42.0114**, and if you desaturate by 10%, it is **52.4472, 53.5137, 61.2124**.

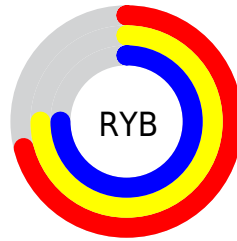
Distribution



Red (71%)

Green (75%)

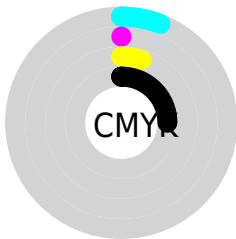
Blue (71%)



Red (71%)

Yellow (75%)

Blue (75%)

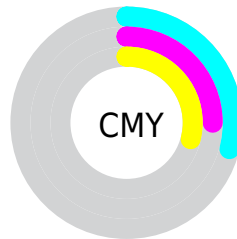


Cyan (6%)

Magenta (0%)

Yellow (5%)

Black (25%)



Cyan (29%)

Magenta (25%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.7937, 50.3011, 51.0116 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 45.7937, 50.3011, 51.0116 by changing the saturation by 10% instead.

■ 45.7937, 50.3011,
51.0116

■ 45.7937, 50.3011,
51.0116

360.7085,
387.8423, 407.4567

■ 32.2870, 35.6527,
35.8410

■ 83.1399, 90.6208,
93.0836

■ 21.7374, 24.1661,
24.0227

107.7101,
117.0610, 120.8221

■ 13.7796, 15.4569,
15.1381

136.6989,
148.2005, 153.5871

■ 8.0482, 9.1407,
8.7687

170.4716,
184.4237, 191.7969

■ 4.1779, 4.8330,
4.4959

209.3935,
226.1151, 235.8703

■ 1.8033, 2.1496,
1.9011

253.8301,

■ 0.5196, 0.6923,

273.6591, 286.2257

0.4935

304.1466,
327.4400, 343.2816

■ 0.0000, 0.0000,
0.0000

■ 45.7937, 50.3011,
51.0116

■ 45.7937, 50.3011,
51.0116

■ 39.9779, 47.4976,
42.0114

■ 52.4472, 53.5137,
61.2124

■ 34.9625, 45.0805,
34.1643

■ 59.9655, 57.1441,
72.6522

■ 30.7137, 43.0350,
27.4249

■ 68.3794, 61.2088,
85.3718

■ 27.1936, 41.3424,
21.7433

■ 77.1991, 65.4545,
99.3848

■ 24.3613, 39.9829,
17.0657

■ 77.9218, 65.7435,
103.1906

■ 22.1713, 38.9342,
13.3337

■ 20.5732, 38.1718,
10.4830

■ 19.5085, 37.6671,
8.4410

■ 18.9056, 37.3848,
7.1237

Harmonies

Analogous

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



46.7187, 50.3011, 48.7447



45.7937, 50.3011, 51.0116



45.4084, 50.3011, 54.3670

Triad

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



45.7937, 50.3011, 51.0116



47.6690, 50.3011, 62.0671



50.0290, 50.3011, 51.6808

Complementary

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



45.7937, 50.3011, 51.0116



47.1032, 47.4379, 55.3914

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.



50.2942, 50.3011, 55.1737



45.7937, 50.3011, 51.0116



48.9175, 50.3011, 61.2710

Square

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



45.7937, 50.3011, 51.0116



46.4789, 50.3011, 60.8373



49.8840, 50.3011, 58.7072



49.1656, 50.3011, 49.1189

Rectangle

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



45.7937, 50.3011, 51.0116



45.5042, 50.3011, 56.8078



49.8840, 50.3011, 58.7072



50.1917, 50.3011, 52.7803

Sweetspot

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



45.7951, 50.3033, 51.0127



86.2798, 92.1466, 97.9161



48.1272, 51.5173, 50.5880



18.9724, 20.2472, 21.5416



92.9021, 97.7402, 106.4391



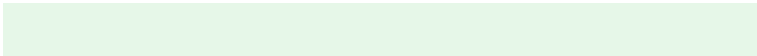
19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



45.7951, 50.3033, 51.0127



80.5225, 89.3687, 89.0593



46.3621, 50.5300, 53.9984



9.6862, 10.7806, 10.6921



12.3257, 24.5206, 4.5121



0.4948, 0.9653, 0.2401

Inverse Universe

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



47.1032, 47.4379, 55.3914



83.3882, 83.0913, 98.6519



46.5218, 47.2053, 52.3297



10.0496, 9.9847, 11.9083



19.1335, 9.2846, 27.0606



0.7605, 0.3681, 1.1182

Previews

White Background



This preview shows how the XYZ color 45.7937, 50.3011, 51.0116 looks on a white background.

Color Contrast Check

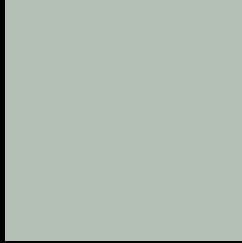
Large Text (above 18pt) WCAG AA × Fail

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 45.7937, 50.3011, 51.0116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

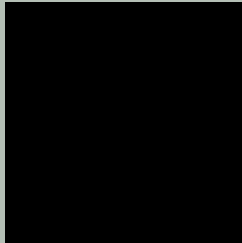
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

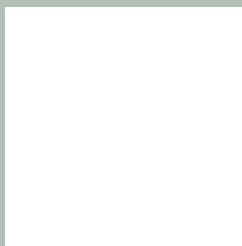
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.7937, 50.3011, 51.0116

Background



This preview shows how black text looks on a background with the XYZ color 45.7937, 50.3011, 51.0116.



This preview shows how white text looks on a background with the XYZ color 45.7937, 50.3011, 51.0116.

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

45.7937, 50.3011, 51.0116

Protanopia

47.8993, 50.1328, 49.7999

Deuteranopia

51.2876, 50.2847, 51.8025



Tritanopia

48.2912, 50.3455, 63.6724

Trichromacy



Original Color

45.7937, 50.3011, 51.0116

Protanomaly

46.9605, 49.9531, 50.3468

Deuteranomaly

49.0812, 50.0811, 51.3357

Tritanomaly

47.3393, 50.2804, 58.8398

Monochromacy



Original Color

45.7937, 50.3011, 51.0116

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

46.5073, 49.6596, 53.0330

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.7937, 50.3011, 51.0116 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(180, 191, 181)` looks like.

```
.text, #text, p{  
    color:rgb(180, 191, 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(180, 191, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 191, 181) }
```

Border

The CSS property to change the border of an element to XYZ 45.7937, 50.3011, 51.0116 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(180, 191, 181) }
```


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

```
.border{ border-color:rgb(180, 191, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 191, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 191, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 191, 181);  
box-shadow:4px 4px 4px 4px rgb(180, 191,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 45.7937, 50.3011, 51.0116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 191, 181) }
```

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

```
.background{ background-color: rgb(180,  
191, 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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