

Converting Colors

XYZ(50.5510, 51.0707, 57.4563)

Have a look what the booklet for
XYZ(50.5510, 51.0707, 57.4563)
contains.

XYZ(50.4732, 50.9738, 57.6308)	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(50.4732, 50.9738,
57.6308)**

Conversions

Conversions Part 1

Format	Color
Hex	C6BAC1
RGB	198, 186, 193
RGB Percent	78%, 73%, 76%
CMY	0.2235, 0.2706, 0.2431
CMYK	0.00, 0.06, 0.03, 0.22
HSL	325°, 10%, 75%
HSV	325°, 6%, 78%
XYZ	50.4732, 50.9738, 57.6308
YIQ	190.3860, 4.9050, 4.7210

Conversions

Conversions Part 2

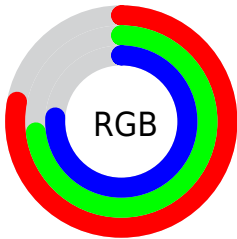
Format	Color
R _Y B	198, 186, 193
Decimal	13023937
CIE Lab	76.66, 5.49, -2.02
CIE LCh	77, 5.846, 339.813
Yxy	50.9738, 0.3173, 0.3204
Android (android.graphics.Color)	4291214017 (0xFFC6BAC1)
YUV	190.3860, 1.2887, 6.6775
Hunter-Lab	71.3959, 1.2473, 2.1183

Details

The XYZ color **50.4732, 50.9738, 57.6308** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.8496, 54.5901, 57.2023**, and the grayscale version is **49.1581, 51.7181, 56.3210**.

A 20% lighter version of the original color is **90.0910, 91.6038, 102.5555**, and **24.6228, 24.5978, 28.2610** is the 20% darker color. If you saturate the color by 10%, you get **45.6929, 42.8450, 51.6219**, and if you desaturate by 10%, it is **55.8858, 60.2836, 64.1052**.

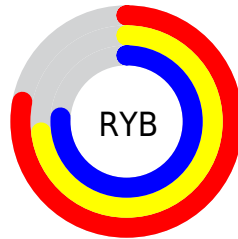
Distribution



Red (78%)

Green (73%)

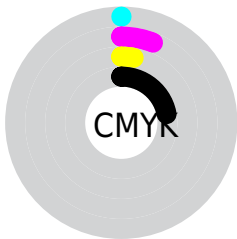
Blue (76%)



Red (78%)

Yellow (73%)

Blue (76%)

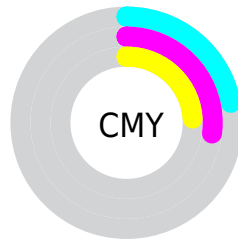


Cyan (0%)

Magenta (6%)

Yellow (3%)

Black (22%)



Cyan (22%)

Magenta (27%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.4732, 50.9738, 57.6308 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 50.4732, 50.9738, 57.6308 by changing the saturation by 10% instead.

■ 50.4732, 50.9738,
57.6308

■ 50.4732, 50.9738,
57.6308

378.9350,
390.4620, 433.3686

■ 36.0089, 36.1878,
41.0992

■ 90.0632, 91.6160,
102.8945

■ 24.6112, 24.5792,
28.0763

115.9196,
118.2410, 132.4636

■ 15.9148, 15.7639,
18.1436

146.3041,
149.5811, 167.2157

■ 9.5543, 9.3572,
10.8827

181.5820,
186.0207, 207.5692

■ 5.1645, 4.9749,
5.8748

222.1187,
227.9442, 253.9427

■ 2.3798, 2.2325,
2.7015

268.2795,

■ 0.8351, 0.7377,

275.7360, 306.7547

0.9442

320.4299,
329.7804, 366.4238

■ 0.0000, 0.0000,
0.0000

■ 50.4732, 50.9738,
57.6308

■ 50.4732, 50.9738,
57.6308

■ 45.6929, 42.8450,
51.6219

■ 55.8858, 60.2836,
64.1052

■ 41.5161, 35.8429,
46.0629

■ 61.9493, 70.8125,
71.0533

■ 37.9181, 29.9190,
40.9420

■ 68.6872, 82.6053,
78.4877

■ 34.8708, 25.0184,
36.2456

■ 72.7778, 89.0174,
85.3047

■ 32.3438, 21.0815,
31.9591

■ 73.9379, 89.4815,
91.4139

■ 30.3033, 18.0425,
28.0666

■ 75.1533, 89.9676,
97.8141

■ 28.7116, 15.8273,
24.5509

■ 76.4247, 90.4762,
104.5091

■ 27.5247, 14.3497,
21.3925

■ 77.0990, 90.7459,
108.0599

■ 26.6874, 13.5008,
18.5680

Harmonies

Analogous

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



49.8239, 50.9738, 60.3143



50.4732, 50.9738, 57.6308



50.5756, 50.9738, 54.4699

Triad

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



50.4732, 50.9738, 57.6308



48.0874, 50.9738, 49.7125



46.8333, 50.9738, 59.4947

Complementary

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



50.4732, 50.9738, 57.6308



49.8496, 54.5901, 57.2023

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.



46.3830, 50.9738, 56.5466



50.4732, 50.9738, 57.6308



47.0997, 50.9738, 50.9524

Square

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



50.4732, 50.9738, 57.6308



49.1869, 50.9738, 49.9779



46.4798, 50.9738, 53.4259



47.7187, 50.9738, 61.4185

Rectangle

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



50.4732, 50.9738, 57.6308



50.3183, 50.9738, 52.5276



46.4798, 50.9738, 53.4259



46.6267, 50.9738, 58.5862

Sweetspot

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



50.4747, 50.9760, 57.6319



93.1042, 96.6529, 106.5725



49.2397, 50.2738, 60.5353



19.9485, 20.7228, 22.8354



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.



50.4747, 50.9760, 57.6319



88.4428, 88.6653, 100.9027



49.8190, 50.7137, 54.1792



11.0959, 11.0920, 12.6549



17.2191, 8.6372, 11.6298



0.8508, 0.4232, 0.7376

Inverse Universe

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



50.4747, 50.9760, 57.6319



88.4428, 88.6653, 100.9027



50.5234, 54.8596, 60.7502



11.0959, 11.0920, 12.6549



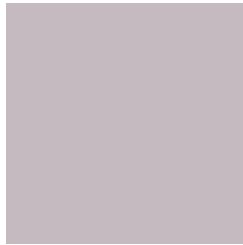
17.2191, 8.6372, 11.6298



0.8508, 0.4232, 0.7376

Previews

White Background



This preview shows how the XYZ color 50.4732, 50.9738, 57.6308 looks on a white background.

Color Contrast Check

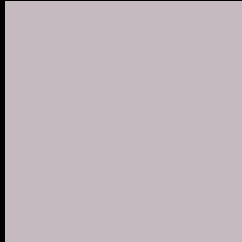
Large Text (above 18pt) WCAG AA × Fail

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 50.4732, 50.9738, 57.6308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

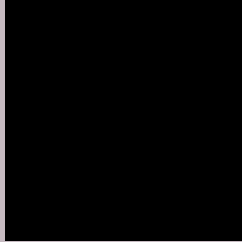
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.4732, 50.9738, 57.6308

Background



This preview shows how black text looks on a background with the XYZ color 50.4732, 50.9738, 57.6308.



This preview shows how white text looks on a background with the XYZ color 50.4732, 50.9738,

57.6308.

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

50.4732, 50.9738, 57.6308

Protanopia

49.2067, 50.9378, 58.2775

Deuteranopia

51.8479, 50.7412, 58.1003



Tritanopia

51.3275, 51.0102, 61.7843

Trichromacy



Original Color

50.4732, 50.9738, 57.6308

Protanomaly

49.7561, 50.9050, 58.2422

Deuteranomaly

51.2352, 50.7326, 58.1309

Tritanomaly

50.9802, 50.8713, 59.9555

Monochromacy



Original Color

50.4732, 50.9738, 57.6308

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.5939, 51.4942, 56.6157

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4732, 50.9738, 57.6308 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(198, 186, 193)` looks like.

```
.text, #text, p{  
    color:rgb(198, 186, 193)  
}
```

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(198, 186, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 186, 193) }
```

Border

The CSS property to change the border of an element to XYZ 50.4732, 50.9738, 57.6308 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(198, 186, 193) }
```


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

```
.border{ border-color:rgb(198, 186, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 186, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 186, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 186, 193);  
box-shadow:4px 4px 4px 4px rgb(198, 186,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4732, 50.9738, 57.6308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 186, 193) }
```

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

```
.background{ background-color: rgb(198,  
186, 193) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor