

Converting Colors

XYZ(51.7752, 53.4038, 53.9303)

Have a look what the booklet for
XYZ(51.7752, 53.4038, 53.9303)
contains.

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Color

**XYZ(51.8508, 53.3633,
54.0217)**

Conversions

Conversions Part 1

Format	Color
Hex	CABFBA
RGB	202, 191, 186
RGB Percent	79%, 75%, 73%
CMY	0.2078, 0.2510, 0.2706
CMYK	0.00, 0.05, 0.08, 0.21
HSL	19°, 13%, 76%
HSV	19°, 8%, 79%
XYZ	51.8508, 53.3633, 54.0217
YIQ	193.7190, 8.1610, 0.7770

Conversions

Conversions Part 2

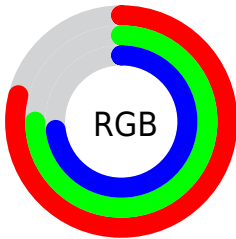
Format	Color
R _Y B	202, 193, 186
Decimal	13287354
CIE Lab	78.09, 2.99, 3.89
CIE LCh	78, 4.908, 52.451
Yxy	53.3633, 0.3256, 0.3351
Android (android.graphics.Color)	4291477434 (0xFFCABFBA)
YUV	193.7190, -3.8055, 7.2624
Hunter-Lab	73.0502, -1.1391, 7.2893

Details

The XYZ color **51.8508, 53.3633, 54.0217** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.8765, 54.6349, 63.7417**, and the grayscale version is **51.1317, 53.7945, 58.5822**.

A 20% lighter version of the original color is **90.5278, 94.1923, 97.4140**, and **25.5349, 26.1663, 25.8951** is the 20% darker color. If you saturate the color by 10%, you get **46.9683, 46.7950, 42.5378**, and if you desaturate by 10%, it is **57.3269, 60.6317, 67.2026**.

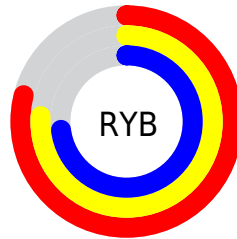
Distribution



Red (79%)

Green (75%)

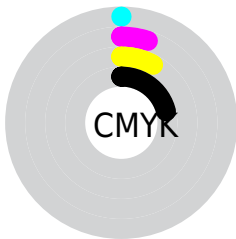
Blue (73%)



Red (79%)

Yellow (76%)

Blue (73%)

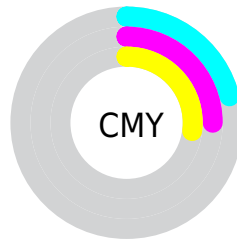


Cyan (0%)

Magenta (5%)

Yellow (8%)

Black (21%)



Cyan (21%)

Magenta (25%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.8508, 53.3633, 54.0217 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 51.8508, 53.3633, 54.0217 by changing the saturation by 10% instead.

■ 51.8508, 53.3633,
54.0217

■ 51.8508, 53.3633,
54.0217

384.1938,
399.6774, 419.3697

■ 37.1100, 38.0929,
38.2257

■ 92.0867, 95.1387,
97.5628

■ 25.4667, 26.0548,
25.8547

118.3125,
122.4126, 126.1451

■ 16.5557, 16.8646,
16.4902

149.0972,
154.4563, 159.8264

■ 10.0115, 10.1380,
9.7136

184.8064,
191.6543, 199.0255

■ 5.4689, 5.4906,
5.1064

225.8052,
234.3910, 244.1609

■ 2.5625, 2.5379,
2.2500

272.4592,

■ 0.9269, 0.8955,

283.0509, 295.6510

0.7030

325.1336,
338.0182, 353.9144

■ 0.0000, 0.0000,
0.0000

■ 51.8508, 53.3633,
54.0217

■ 51.8508, 53.3633,
54.0217

■ 46.9683, 46.7950,
42.5378

■ 57.3269, 60.6317,
67.2026

■ 42.6544, 40.8990,
32.6779

■ 63.4117, 68.6132,
82.1423

■ 38.8886, 35.6554,
24.3692

■ 70.1254, 77.3294,
98.9038

■ 35.6476, 31.0410,
17.5315

■ 75.5266, 86.0151,
107.2296

■ 32.9064, 27.0312,
12.0777

■ 78.1673, 91.2967,
108.1099

■ 30.6375, 23.5995,
7.9112

■ 28.8105, 20.7173,
4.9229

■ 27.3908, 18.3531,
2.9850

■ 26.3320, 16.4692,
1.9116

Harmonies

Analogous

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



52.4413, 53.3633, 56.1127



51.8508, 53.3633, 54.0217



50.9625, 53.3633, 53.0306

Triad

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



51.8508, 53.3633, 54.0217



48.9165, 53.3633, 57.4135



51.4267, 53.3633, 63.1153

Complementary

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



51.8508, 53.3633, 54.0217



50.8765, 54.6349, 63.7417

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.



50.4787, 53.3633, 63.4902



51.8508, 53.3633, 54.0217



49.0372, 53.3633, 60.1410

Square

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



51.8508, 53.3633, 54.0217



49.2742, 53.3633, 54.9483



49.6062, 53.3633, 62.3860



52.1943, 53.3633, 61.3773

Rectangle

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



51.8508, 53.3633, 54.0217



50.3242, 53.3633, 53.1043



49.6062, 53.3633, 62.3860



51.1183, 53.3633, 63.4071

Sweetspot

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



51.8523, 53.3656, 54.0228



93.1316, 97.4598, 104.2634



52.0176, 51.7155, 60.1846



19.9541, 20.8871, 22.3652



0.0000, 0.0000, 0.0000



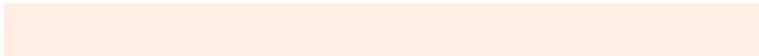
20.3446, 21.4041, 23.3091

Same Dimension

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



51.8523, 53.3656, 54.0228



85.8746, 87.7887, 86.9141



53.5981, 56.8572, 54.6048



11.4938, 11.7766, 11.7468



16.8942, 10.5213, 1.1404



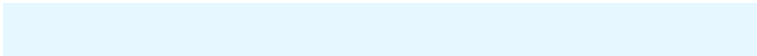
0.9396, 0.6789, 0.0815

Inverse Universe

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



50.8765, 54.6349, 63.7417



83.7914, 90.4975, 107.6592



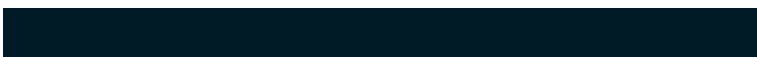
49.1517, 51.1854, 63.1668



11.2358, 12.1121, 14.3160



12.8678, 14.7595, 38.1269



0.7297, 0.8932, 1.9889

Previews

White Background



This preview shows how the XYZ color 51.8508, 53.3633, 54.0217 looks on a white background.

Color Contrast Check

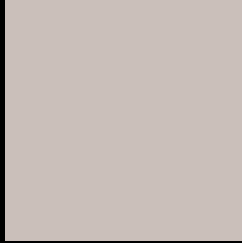
Large Text (above 18pt) WCAG AA × Fail

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 51.8508, 53.3633, 54.0217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

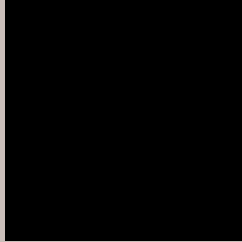
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.8508, 53.3633, 54.0217

Background



This preview shows how black text looks on a background with the XYZ color 51.8508, 53.3633, 54.0217.

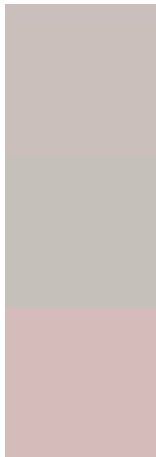


This preview shows how white text looks on a background with the XYZ color 51.8508, 53.3633,

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

51.8508, 53.3633, 54.0217

Protanopia

51.1080, 53.2929, 54.6066

Deuteranopia

54.4715, 53.4246, 54.4547



Tritanopia

53.6646, 53.1156, 63.9238

Trichromacy



Original Color

51.8508, 53.3633, 54.0217

Protanomaly

51.3725, 53.4292, 54.6190

Deuteranomaly

53.5312, 53.2559, 54.4717

Tritanomaly

52.9042, 53.1229, 60.2887

Monochromacy



Original Color

51.8508, 53.3633, 54.0217

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.4999, 53.7718, 56.9549

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.8508, 53.3633, 54.0217 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(202, 191, 186)` looks like.

```
.text, #text, p{  
    color:rgb(202, 191, 186)  
}
```

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(202, 191, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 191, 186) }
```

Border

The CSS property to change the border of an element to XYZ 51.8508, 53.3633, 54.0217 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(202, 191, 186) }
```


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

```
.border{ border-color:rgb(202, 191, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 191, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 191, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 191, 186); box-shadow:4px 4px 4px 4px rgb(202, 191, 186) }
```

Background

The CSS property to change the background color of an element to XYZ 51.8508, 53.3633, 54.0217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 191, 186) }
```

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

```
.background{ background-color: rgb(202,  
191, 186) }
```

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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