

Converting Colors

XYZ(51.4426, 52.1436, 52.4810)

Have a look what the booklet for
XYZ(51.4426, 52.1436, 52.4810)
contains.

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Color

**XYZ(51.5368, 52.2645,
52.7192)**

Conversions

Conversions Part 1

Format	Color
Hex	CCBCB8
RGB	204, 188, 184
RGB Percent	80%, 74%, 72%
CMY	0.2000, 0.2627, 0.2784
CMYK	0.00, 0.08, 0.10, 0.20
HSL	12°, 16%, 76%
HSV	12°, 10%, 80%
XYZ	51.5368, 52.2645, 52.7192
YIQ	192.3280, 10.8200, 2.1480

Conversions

Conversions Part 2

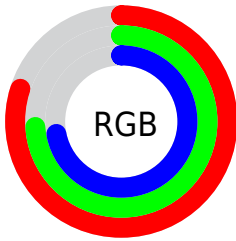
Format	Color
R _Y B	204, 189, 184
Decimal	13417656
CIE Lab	77.44, 4.97, 4.05
CIE LCh	77, 6.411, 39.210
Yxy	52.2645, 0.3293, 0.3339
Android (android.graphics.Color)	4291607736 (0xFFCCBCB8)
YUV	192.3280, -4.1057, 10.2363
Hunter-Lab	72.2942, 0.7335, 7.3698

Details

The XYZ color **51.5368, 52.2645, 52.7192** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.3204, 55.8576, 65.2041**, and the grayscale version is **50.3146, 52.9349, 57.6461**.

A 20% lighter version of the original color is **89.3189, 92.2526, 95.5370**, and **25.3384, 25.4507, 25.0497** is the 20% darker color. If you saturate the color by 10%, you get **46.2603, 44.8901, 41.1600**, and if you desaturate by 10%, it is **57.5187, 60.5551, 66.0363**.

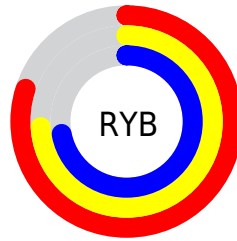
Distribution



Red (80%)

Green (74%)

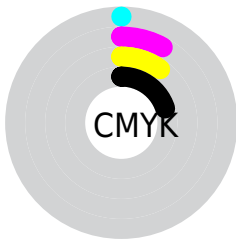
Blue (72%)



Red (80%)

Yellow (74%)

Blue (72%)

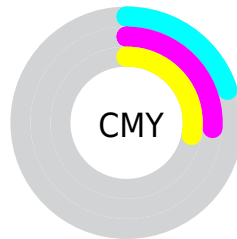


Cyan (0%)

Magenta (8%)

Yellow (10%)

Black (20%)



Cyan (20%)


Magenta (26%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.5368, 52.2645, 52.7192 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 51.5368, 52.2645, 52.7192 by changing the saturation by 10% instead.


 51.5368, 52.2645,
52.7192

 51.5368, 52.2645,
52.7192


382.9992,
395.4569, 414.2426

 36.8588, 37.2159,
37.1925


 91.6260, 93.5212,
95.6284

 25.2713, 25.3747,
25.0596


117.7680,
120.4981, 123.8480

 16.4091, 16.3565,
15.9020


148.4619,
152.2200, 157.1355

 9.9068, 9.7767,
9.3013

184.0732,
189.0712, 195.9096

 5.3990, 5.2512,
4.8387

224.9672,
231.4361, 240.5889

 2.5204, 2.3954,
2.0959

271.5093,

 0.9055, 0.8235,

279.6990, 291.5917

0.6133

324.0649,
334.2445, 349.3368

■ 0.0000, 0.0000,
0.0000

■ 51.5368, 52.2645,
52.7192

■ 51.5368, 52.2645,
52.7192

■ 46.2603, 44.8901,
41.1600

■ 57.5187, 60.5551,
66.0363

■ 41.6587, 38.3935,
31.2816

■ 64.2265, 69.7847,
81.1770

■ 37.7055, 32.7440,
23.0066

■ 71.6853, 79.9842,
98.2080

■ 34.3710, 27.9061,
16.2498

■ 78.1628, 90.4790,
107.9523

■ 31.6229, 23.8422,
10.9181

■ 78.7121, 91.5775,
108.1354

■ 29.4258, 20.5113,
6.9084

■ 27.7406, 17.8686,
4.1031

■ 26.5223, 15.8642,
2.3640

■ 25.7027, 14.4352,
1.4431

Harmonies

Analogous

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



52.0546, 52.2645, 55.8266



51.5368, 52.2645, 52.7192



50.5227, 52.2645, 50.7887

Triad

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



51.5368, 52.2645, 52.7192



47.4908, 52.2645, 54.5295



50.0565, 52.2645, 63.8808

Complementary

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



51.5368, 52.2645, 52.7192



51.3204, 55.8576, 65.2041

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.



48.8385, 52.2645, 63.4983



51.5368, 52.2645, 52.7192



47.3707, 52.2645, 58.0015

Square

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



51.5368, 52.2645, 52.7192



48.1912, 52.2645, 51.8034



47.8602, 52.2645, 61.3112



51.1907, 52.2645, 62.3356

Rectangle

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



51.5368, 52.2645, 52.7192



49.7086, 52.2645, 50.3803



47.8602, 52.2645, 61.3112



49.6431, 52.2645, 63.9747

Sweetspot

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



51.5383, 52.2668, 52.7203



91.9216, 95.6751, 101.9015



52.4683, 51.2892, 61.7787



19.5000, 20.2362, 21.4208



0.0000, 0.0000, 0.0000



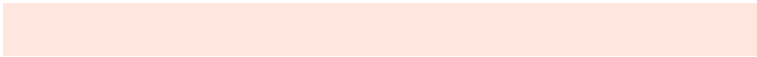
20.3446, 21.4041, 23.3091

Same Dimension

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



51.5383, 52.2668, 52.7203



83.1922, 83.5501, 82.5479



53.7483, 56.6869, 53.4570



11.3912, 11.5713, 11.7125



16.2224, 9.1777, 0.9165



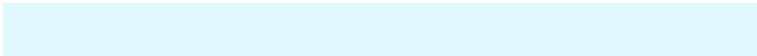
0.8917, 0.5831, 0.0655

Inverse Universe

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



51.3204, 55.8576, 65.2041



82.7515, 90.8051, 107.7734



49.0804, 51.3777, 64.4574



11.3451, 12.3307, 14.3525



15.1888, 19.4016, 38.9006



0.8333, 1.1004, 2.0234

Previews

White Background



This preview shows how the XYZ color 51.5368, 52.2645, 52.7192 looks on a white background.

Color Contrast Check

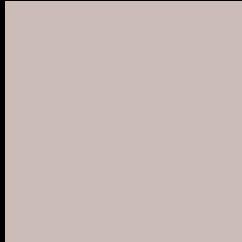
Large Text (above 18pt) WCAG AA × Fail

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 51.5368, 52.2645, 52.7192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

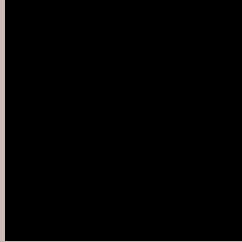
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.5368, 52.2645, 52.7192

Background



This preview shows how black text looks on a background with the XYZ color 51.5368, 52.2645, 52.7192.



This preview shows how white text looks on a background with the XYZ color 51.5368, 52.2645,

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

51.5368, 52.2645, 52.7192

Protanopia

50.1527, 52.5001, 53.3892

Deuteranopia

53.2573, 52.1978, 53.1672



Tritanopia

53.4378, 52.4098, 61.9432

Trichromacy



Original Color

51.5368, 52.2645, 52.7192

Protanomaly

50.7236, 52.4718, 53.3536

Deuteranomaly

52.6104, 52.1759, 53.1970

Tritanomaly

52.6848, 52.4148, 58.3792

Monochromacy



Original Color

51.5368, 52.2645, 52.7192

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.5811, 52.6715, 55.6448

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.5368, 52.2645, 52.7192 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(204, 188, 184) looks like.

```
.text, #text, p{  
    color:rgb(204, 188, 184)  
}
```

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(204, 188, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 188, 184) }
```

Border

The CSS property to change the border of an element to XYZ 51.5368, 52.2645, 52.7192 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(204, 188, 184) }
```


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

```
.border{ border-color:rgb(204, 188, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 188, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 188, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 188, 184);  
box-shadow:4px 4px 4px 4px rgb(204, 188,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 51.5368, 52.2645, 52.7192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 188, 184) }
```

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

```
.background{ background-color: rgb(204,  
188, 184) }
```

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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