

Converting Colors

XYZ(52.4044, 55.3907, 50.0489)

Have a look what the booklet for
XYZ(52.4044, 55.3907, 50.0489)
contains.

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Color

**XYZ(52.4044, 55.3907,
50.0489)**

Conversions

Conversions Part 1

Format	Color
Hex	CBC4B2
RGB	203, 196, 178
RGB Percent	80%, 77%, 70%
CMY	0.2039, 0.2314, 0.3020
CMYK	0.00, 0.03, 0.12, 0.20
HSL	43°, 19%, 75%
HSV	43°, 12%, 80%
XYZ	52.4044, 55.3907, 50.0489
YIQ	196.0410, 9.9500, -4.1140

Conversions

Conversions Part 2

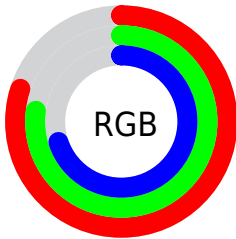
Format	Color
R_{YB}	188, 203, 178
Decimal	13354162
CIE Lab	79.27, -0.63, 9.90
CIE LCh	79, 9.921, 93.654
Yxy	55.3907, 0.3320, 0.3509
Android (android.graphics.Color)	4291544242 (0xFFCBC4B2)
YUV	196.0410, -8.8942, 6.1030
Hunter-Lab	74.4249, -4.5574, 12.2264

Details

The XYZ color **52.4044, 55.3907, 50.0489** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.4884, 48.4738, 63.4066**, and the grayscale version is **52.5427, 55.2790, 60.1988**.

A 20% lighter version of the original color is **91.2166, 97.4511, 91.8442**, and **25.7691, 27.2162, 23.2971** is the 20% darker color. If you saturate the color by 10%, you get **49.2585, 52.1225, 39.6776**, and if you desaturate by 10%, it is **55.9036, 58.8815, 62.0274**.

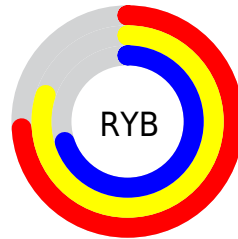
Distribution



Red (80%)

Green (77%)

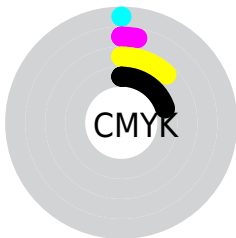
Blue (70%)



Red (74%)

Yellow (80%)

Blue (70%)

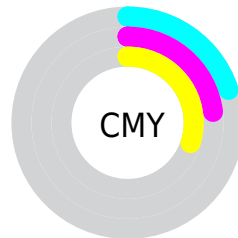


Cyan (0%)

Magenta (3%)

Yellow (12%)

Black (20%)



Cyan (20%)

Magenta (23%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.4044, 55.3907, 50.0489 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 52.4044, 55.3907, 50.0489 by changing the saturation by 10% instead.

■ 52.4044, 55.3907,
50.0489

■ 52.4044, 55.3907,
50.0489

386.2942,
407.3912, 403.5977

■ 37.5531, 39.7146,
35.0808

■ 92.8981, 98.1132,
91.6444

■ 25.8116, 27.3161,
23.4411

119.2711,
125.9283, 119.1088

■ 16.8147, 17.8108,
14.7112

150.2155,
158.5586, 151.5758

■ 10.1970, 10.8142,
8.4726

186.0965,
196.3885, 189.4639

■ 5.5930, 5.9420,
4.3067

227.2795,
239.8023, 233.1916

■ 2.6375, 2.8099,
1.7951

274.1299,

■ 0.9651, 1.0333,

289.1844, 283.1774

0.4247

327.0130,
344.9193, 339.8399

■ 0.0000, 0.0000,
0.0000

■ 52.4044, 55.3907,
50.0489

■ 52.4044, 55.3907,
50.0489

■ 49.2585, 52.1225,
39.6776

■ 55.9036, 58.8815,
62.0274

■ 46.4475, 49.0632,
30.8402

■ 59.7643, 62.5936,
75.6750

■ 43.9583, 46.2086,
23.4631

■ 64.0005, 66.5351,
91.0546

■ 41.7749, 43.5513,
17.4652

■ 67.9395, 70.4379,
104.6228

■ 39.8799, 41.0836,
12.7572

■ 69.4445, 73.4480,
105.1245

■ 38.2538, 38.7967,
9.2395

■ 71.0006, 76.5602,
105.6432

■ 36.8744, 36.6808,
6.7977

■ 72.6083, 79.7755,
106.1791

■ 35.7151, 34.7243,
5.2948

■ 74.2679, 83.0948,
106.7323

■ 34.9375, 33.3139,
4.5888

■ 75.9800, 86.5190,
107.3030

Harmonies

Analogous

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



54.3589, 55.3907, 51.0382



52.4044, 55.3907, 50.0489



50.5607, 55.3907, 51.6638

Triad

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



52.4044, 55.3907, 50.0489



49.5343, 55.3907, 66.5723



56.1413, 55.3907, 65.2923

Complementary

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



52.4044, 55.3907, 50.0489



46.4884, 48.4738, 63.4066

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.



54.7903, 55.3907, 69.8731



52.4044, 55.3907, 50.0489



50.9718, 55.3907, 70.6441

Square

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



52.4044, 55.3907, 50.0489



48.9301, 55.3907, 61.0102



52.8907, 55.3907, 71.8880



56.5479, 55.3907, 59.6173

Rectangle

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



52.4044, 55.3907, 50.0489



49.6331, 55.3907, 54.0632



52.8907, 55.3907, 71.8880



55.7809, 55.3907, 67.0227

Sweetspot

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



52.4059, 55.3931, 50.0501



92.5471, 97.5527, 100.1780



49.3154, 48.0443, 52.6201



19.7105, 20.7832, 21.1021



0.0000, 0.0000, 0.0000



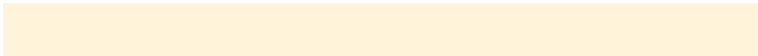
20.3446, 21.4041, 23.3091

Same Dimension

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



52.4059, 55.3931, 50.0501



86.1717, 91.1365, 78.5246



52.5714, 57.8760, 50.5206



11.8782, 12.5453, 11.8749



22.3140, 21.3610, 2.9470



1.2131, 1.2260, 0.1727

Inverse Universe

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



46.4884, 48.4738, 63.4066



74.1844, 77.1202, 105.5835



46.3283, 46.2718, 62.9900



10.8531, 11.3466, 14.1885



7.8521, 4.7281, 36.4550



0.4702, 0.3742, 1.9024

Previews

White Background



This preview shows how the XYZ color 52.4044, 55.3907, 50.0489 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 52.4044, 55.3907, 50.0489 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

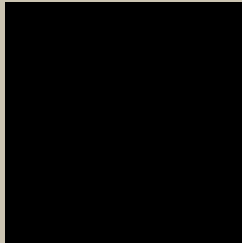
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

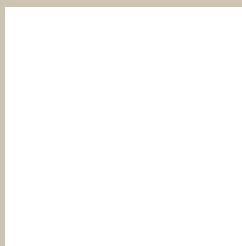
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.4044, 55.3907, 50.0489

Background



This preview shows how black text looks on a background with the XYZ color 52.4044, 55.3907, 50.0489.

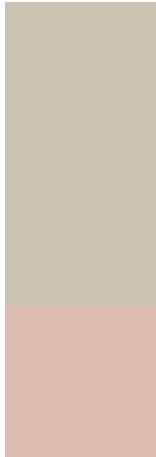


This preview shows how white text looks on a background with the XYZ color 52.4044, 55.3907,

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

52.4044, 55.3907, 50.0489

Protanopia

52.6776, 55.5316, 50.0617

Deuteranopia

56.4585, 55.1795, 50.3228



Tritanopia

55.8442, 55.4697, 66.7949

Trichromacy



Original Color

52.4044, 55.3907, 50.0489

Protanomaly

52.6776, 55.5316, 50.0617

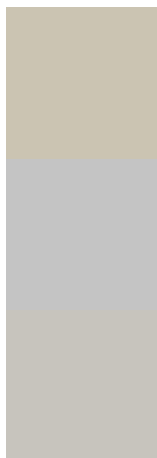
Deuteranomaly

55.0107, 55.4010, 50.4419

Tritanomaly

54.4874, 55.2473, 60.0165

Monochromacy



Original Color

52.4044, 55.3907, 50.0489

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

52.4784, 55.2961, 56.0514

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4044, 55.3907, 50.0489 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(203, 196, 178)` looks like.

```
.text, #text, p{  
    color:rgb(203, 196, 178)  
}
```

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(203, 196, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 196, 178) }
```

Border

The CSS property to change the border of an element to XYZ 52.4044, 55.3907, 50.0489 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(203, 196, 178) }
```


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

```
.border{ border-color:rgb(203, 196, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 196, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 196, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 196, 178);  
box-shadow:4px 4px 4px 4px rgb(203, 196,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4044, 55.3907, 50.0489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 196, 178) }
```

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

```
.background{ background-color: rgb(203,  
196, 178) }
```

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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