

Converting Colors

XYZ(51.0497, 54.9284, 50.6701)

Have a look what the booklet for
XYZ(51.0497, 54.9284, 50.6701)
contains.

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Color

**XYZ(51.1289, 55.0575,
50.5802)**

Conversions

Conversions Part 1

Format	Color
Hex	C5C5B3
RGB	197, 197, 179
RGB Percent	77%, 77%, 70%
CMY	0.2274, 0.2274, 0.2980
CMYK	0.00, 0.00, 0.09, 0.23
HSL	60°, 13%, 74%
HSV	60°, 9%, 77%
XYZ	51.1289, 55.0575, 50.5802
YIQ	194.9480, 5.7780, -5.5980

Conversions

Conversions Part 2

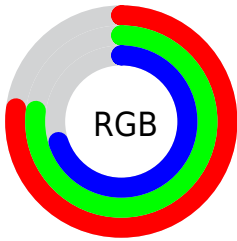
Format	Color
RYB	179, 197, 179
Decimal	12961203
CIELab	79.07, -3.16, 9.03
CIELCh	79, 9.564, 109.299
Yxy	55.0575, 0.3261, 0.3512
Android (android.graphics.Color)	4291151283 (0xFFC5C5B3)
YUV	194.9480, -7.8624, 1.7996
Hunter-Lab	74.2007, -6.8538, 11.5245

Details

The XYZ color **51.1289, 55.0575, 50.5802** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.7907, 45.8566, 59.3167**, and the grayscale version is **51.8850, 54.5871, 59.4453**.

A 20% lighter version of the original color is **91.3103, 97.9526, 92.6914**, and **24.9160, 26.9909, 23.6352** is the 20% darker color. If you saturate the color by 10%, you get **49.2766, 54.3183, 40.8253**, and if you desaturate by 10%, it is **53.2689, 55.9154, 61.8368**.

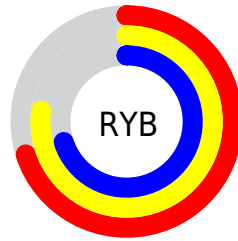
Distribution



Red (77%)

Green (77%)

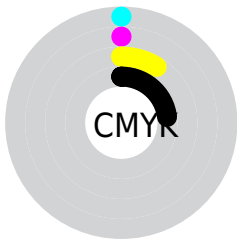
Blue (70%)



Red (70%)

Yellow (77%)

Blue (70%)

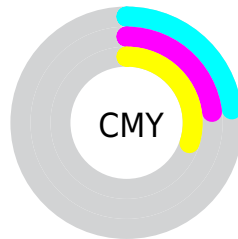


Cyan (0%)

Magenta (0%)

Yellow (9%)

Black (23%)



Cyan (23%)

Magenta (23%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.1289, 55.0575, 50.5802 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 51.1289, 55.0575, 50.5802 by changing the saturation by 10% instead.

■ 51.1289, 55.0575,
50.5802

■ 51.1289, 55.0575,
50.5802

381.4438,
406.1299, 405.7304

■ 36.5327, 39.4478,
35.5002

■ 91.0271, 97.6252,
92.4391

■ 25.0179, 27.1082,
23.7618

117.0598,
125.3519, 120.0550

■ 16.2192, 17.6545,
14.9465

147.6354,
157.8865, 152.6868

■ 9.7712, 10.7022,
8.6356

183.1192,
195.6132, 190.7528

■ 5.3086, 5.8670,
4.4107

223.8766,
238.9165, 234.6716

■ 2.4661, 2.7644,
1.8533

270.2729,

■ 0.8782, 1.0100,

288.1808, 284.8618

0.4628

322.6735,
343.7904, 341.7419

■ 0.0000, 0.0000,
0.0000

■ 51.1289, 55.0575,
50.5802

■ 51.1289, 55.0575,
50.5802

■ 49.2766, 54.3183,
40.8253

■ 53.2689, 55.9154,
61.8368

■ 47.6955, 53.6857,
32.5053

■ 55.7035, 56.8894,
74.6510

■ 46.3743, 53.1571,
25.5537

■ 58.4447, 57.9860,
89.0803

■ 45.2990, 52.7268,
19.8971

■ 61.0481, 59.0275,
102.7836

■ 44.4544, 52.3888,
15.4555

■ 61.0492, 59.0281,
102.7837

■ 43.8237, 52.1364,
12.1401

■ 61.0504, 59.0287,
102.7837

■ 43.3876, 51.9619,
9.8497

■ 61.0515, 59.0293,
102.7838

■ 43.1236, 51.8561,
8.4653

■ 61.0526, 59.0298,
102.7838

■ 42.9927, 51.8036,
7.7819

■ 61.0538, 59.0304,
102.7839

Harmonies

Analogous

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



53.0138, 55.0575, 50.2175



51.1289, 55.0575, 50.5802



49.6017, 55.0575, 53.3627

Triad

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



51.1289, 55.0575, 50.5802



49.9774, 55.0575, 68.2604



56.0138, 55.0575, 61.9178

Complementary

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



51.1289, 55.0575, 50.5802



44.7907, 45.8566, 59.3167

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.



55.1576, 55.0575, 67.0545



51.1289, 55.0575, 50.5802



51.6531, 55.0575, 70.8612

Square

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



51.1289, 55.0575, 50.5802



48.9481, 55.0575, 63.4835



53.5508, 55.0575, 70.4070



55.8652, 55.0575, 56.5467

Rectangle

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



51.1289, 55.0575, 50.5802



48.9775, 55.0575, 56.3151



53.5508, 55.0575, 70.4070



55.8332, 55.0575, 63.7344

Sweetspot

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



51.1304, 55.0599, 50.5814



93.8420, 99.5167, 102.5418



47.2845, 47.3665, 49.2991



20.0187, 21.2737, 21.5937



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.



51.1304, 55.0599, 50.5814



90.8560, 98.3221, 86.8263



48.8440, 53.8812, 50.4744



11.5237, 12.4169, 11.3521



28.2706, 34.0693, 5.0860



1.3387, 1.6132, 0.2408

Inverse Universe

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



44.7907, 45.8566, 59.3167



77.1701, 78.4546, 105.6837



46.9388, 46.9640, 59.4173



10.0569, 10.2876, 13.3731



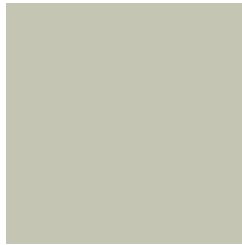
6.6292, 2.6518, 34.9068



0.3140, 0.1256, 1.6528

Previews

White Background



This preview shows how the XYZ color 51.1289, 55.0575, 50.5802 looks on a white background.

Color Contrast Check

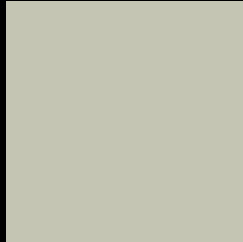
Large Text (above 18pt) WCAG AA × Fail

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 51.1289, 55.0575, 50.5802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

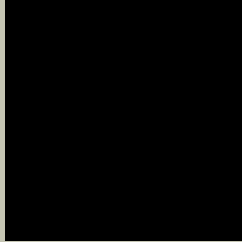
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.1289, 55.0575, 50.5802

Background



This preview shows how black text looks on a background with the XYZ color 51.1289, 55.0575, 50.5802.



This preview shows how white text looks on a background with the XYZ color 51.1289, 55.0575,

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

51.1289, 55.0575, 50.5802

Protanopia

52.1796, 54.9411, 49.9740

Deuteranopia

56.0533, 54.9470, 51.3676



Tritanopia

54.5425, 55.1115, 67.4374

Trichromacy



Original Color

51.1289, 55.0575, 50.5802

Protanomaly

51.8632, 55.1117, 50.0236

Deuteranomaly

54.2392, 54.9916, 50.9357

Tritanomaly

53.1892, 54.8942, 60.6156

Monochromacy



Original Color

51.1289, 55.0575, 50.5802

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.6902, 54.8897, 56.0145

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1289, 55.0575, 50.5802 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(197, 197, 179)` looks like.

```
.text, #text, p{  
    color:rgb(197, 197, 179)  
}
```

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(197, 197, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 197, 179) }
```

Border

The CSS property to change the border of an element to XYZ 51.1289, 55.0575, 50.5802 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(197, 197, 179) }
```


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

```
.border{ border-color:rgb(197, 197, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 197, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 197, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 197, 179);  
box-shadow:4px 4px 4px 4px rgb(197, 197,  
179) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1289, 55.0575, 50.5802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 197, 179) }
```

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

```
.background{ background-color: rgb(197,  
197, 179) }
```

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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