

Converting Colors

XYZ(51.6740, 54.6698, 52.8699)

Have a look what the booklet for
XYZ(51.6740, 54.6698, 52.8699)
contains.

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Color

**XYZ(51.6155, 54.5912,
52.6165)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C3B7
RGB	199, 195, 183
RGB Percent	78%, 76%, 72%
CMY	0.2196, 0.2353, 0.2823
CMYK	0.00, 0.02, 0.08, 0.22
HSL	45°, 12%, 75%
HSV	45°, 8%, 78%
XYZ	51.6155, 54.5912, 52.6165
YIQ	194.8280, 6.2360, -2.8840

Conversions

Conversions Part 2

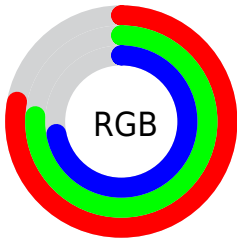
Format	Color
RYB	188, 199, 183
Decimal	13091767
CIELab	78.81, -0.71, 6.51
CIELCh	79, 6.550, 96.265
Yxy	54.5912, 0.3250, 0.3437
Android (android.graphics.Color)	4291281847 (0xFFC7C3B7)
YUV	194.8280, -5.8312, 3.6588
Hunter-Lab	73.8859, -4.6030, 9.4978

Details

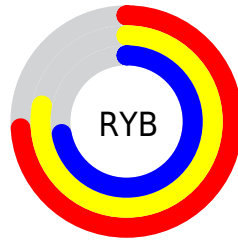
The XYZ color **51.6155, 54.5912, 52.6165** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.6075, 49.7306, 61.1231**, and the grayscale version is **51.8016, 54.4993, 59.3498**.

A 20% lighter version of the original color is **91.6304, 97.1128, 95.5766**, and **25.2312, 26.6812, 24.9393** is the 20% darker color. If you saturate the color by 10%, you get **48.5943, 51.6321, 42.1028**, and if you desaturate by 10%, it is **54.9697, 57.7463, 64.6874**.

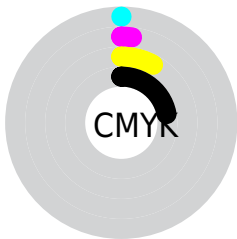
Distribution



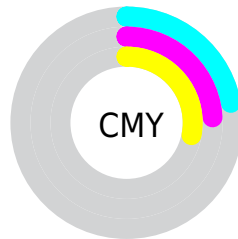
- Red (78%)
- Green (76%)
- Blue (72%)



- Red (74%)
- Yellow (78%)
- Blue (72%)



- Cyan (0%)
- Magenta (2%)
- Yellow (8%)
- Black (22%)



- Cyan (22%)
- Magenta (24%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.6155, 54.5912, 52.6165 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 51.6155, 54.5912, 52.6165 by changing the saturation by 10% instead.

■ 51.6155, 54.5912,
52.6165

■ 51.6155, 54.5912,
52.6165

383.2988,
404.3604, 413.8365

■ 36.9217, 39.0745,
37.1111

■ 91.7415, 96.9417,
95.4756

■ 25.3203, 26.8177,
24.9971

117.9045,
124.5444, 123.6664

■ 16.4458, 17.4364,
15.8559

148.6212,
156.9445, 156.9228

■ 9.9330, 10.5461,
9.2690

184.2571,
194.5264, 195.6632

■ 5.4165, 5.7625,
4.8178

225.1774,
237.6746, 240.3062

■ 2.5309, 2.7012,
2.0839

271.7475,

■ 0.9109, 0.9778,

286.7734, 291.2705

0.6062

324.3329,
342.2072, 348.9744

■ 0.0000, 0.0000,
0.0000

■ 51.6155, 54.5912,
52.6165

■ 51.6155, 54.5912,
52.6165

■ 48.5943, 51.6321,
42.1028

■ 54.9697, 57.7463,
64.6874

■ 45.8891, 48.8564,
33.0783

■ 58.6642, 61.0957,
78.3726

■ 43.4878, 46.2604,
25.4750

■ 62.7118, 64.6467,
93.7309

■ 41.3759, 43.8379,
19.2186

■ 65.8747, 67.9049,
104.2427

■ 39.5378, 41.5817,
14.2276

■ 67.1588, 70.4730,
104.6707

■ 37.9558, 39.4845,
10.4120

■ 68.4816, 73.1186,
105.1117

■ 36.6103, 37.5375,
7.6694

■ 69.8435, 75.8425,
105.5657

■ 35.4781, 35.7311,
5.8802

■ 71.2449, 78.6452,
106.0328

■ 34.5248, 34.0507,
4.8648

■ 72.6860, 81.5274,
106.5131

Harmonies

Analogous

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



52.8981, 54.5912, 53.1361



51.6155, 54.5912, 52.6165



50.4253, 54.5912, 53.8630

Triad

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



51.6155, 54.5912, 52.6165



49.9014, 54.5912, 63.7684



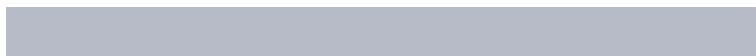
54.2051, 54.5912, 62.3635

Complementary

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



51.6155, 54.5912, 52.6165



47.6075, 49.7306, 61.1231

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.



53.3773, 54.5912, 65.3904



51.6155, 54.5912, 52.6165



50.8894, 54.5912, 66.2249

Square

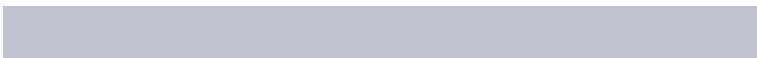
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



51.6155, 54.5912, 52.6165



49.4464, 54.5912, 60.2237



52.1600, 54.5912, 66.8305



54.4073, 54.5912, 58.6642

Rectangle

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



51.6155, 54.5912, 52.6165



49.8398, 54.5912, 55.5597



52.1600, 54.5912, 66.8305



53.9901, 54.5912, 63.4980

Sweetspot

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



51.6170, 54.5936, 52.6177



93.8346, 98.8658, 104.4977



49.4570, 49.5977, 53.9811



20.0972, 21.1733, 22.4129



0.0000, 0.0000, 0.0000



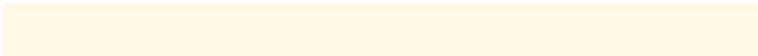
20.3446, 21.4041, 23.3091

Same Dimension

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



51.6170, 54.5936, 52.6177



89.2146, 94.4687, 88.0275



51.4769, 55.8684, 52.8711



11.2909, 11.9510, 11.2744



22.1589, 21.8349, 3.0467



1.1041, 1.1437, 0.1626

Inverse Universe

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



47.6075, 49.7306, 61.1231



80.4806, 83.8758, 106.5556



47.7365, 48.5561, 60.8896



10.2683, 10.7108, 13.4437



7.4135, 4.2209, 35.1683



0.4107, 0.3191, 1.6851

Previews

White Background



This preview shows how the XYZ color 51.6155, 54.5912, 52.6165 looks on a white background.

Color Contrast Check

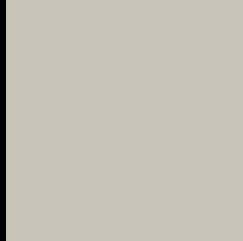
Large Text (above 18pt) WCAG AA × Fail

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 51.6155, 54.5912, 52.6165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

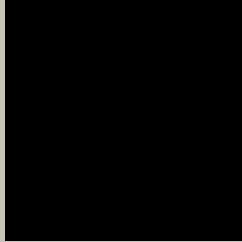
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.6155, 54.5912, 52.6165

Background



This preview shows how black text looks on a background with the XYZ color 51.6155, 54.5912, 52.6165.

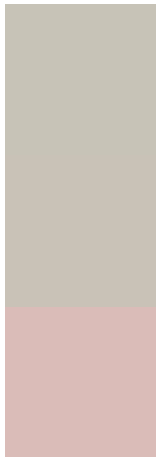


This preview shows how white text looks on a background with the XYZ color 51.6155, 54.5912,

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

51.6155, 54.5912, 52.6165

Protanopia

51.9264, 54.4200, 52.5670

Deuteranopia

55.5484, 54.3326, 52.9069



Tritanopia

54.2504, 54.3232, 66.6576

Trichromacy



Original Color

51.6155, 54.5912, 52.6165

Protanomaly

51.6584, 54.2818, 52.5545

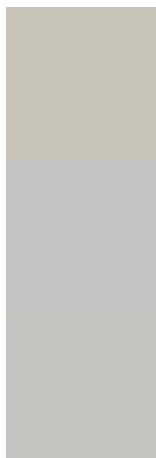
Deuteranomaly

54.1465, 54.5712, 53.0269

Tritanomaly

53.1301, 54.1940, 61.0863

Monochromacy



Original Color

51.6155, 54.5912, 52.6165

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

51.6840, 54.5276, 57.0910

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6155, 54.5912, 52.6165 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(199, 195, 183)` looks like.

```
.text, #text, p{  
    color:rgb(199, 195, 183)  
}
```

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(199, 195, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 195, 183) }
```

Border

The CSS property to change the border of an element to XYZ 51.6155, 54.5912, 52.6165 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(199, 195, 183) }
```


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

```
.border{ border-color:rgb(199, 195, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 195, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 195, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 195, 183);  
box-shadow:4px 4px 4px 4px rgb(199, 195,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6155, 54.5912, 52.6165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 195, 183) }
```

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

```
.background{ background-color: rgb(199,  
195, 183) }
```

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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