

Converting Colors

XYZ(53.3092, 55.4882, 51.6167)

Have a look what the booklet for
XYZ(53.3092, 55.4882, 51.6167)
contains.

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Color

**XYZ(53.3092, 55.4882,
51.6167)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC3B5
RGB	206, 195, 181
RGB Percent	81%, 76%, 71%
CMY	0.1922, 0.2353, 0.2902
CMYK	0.00, 0.05, 0.12, 0.19
HSL	34°, 20%, 76%
HSV	34°, 12%, 81%
XYZ	53.3092, 55.4882, 51.6167
YIQ	196.6930, 11.0500, -2.0220

Conversions

Conversions Part 2

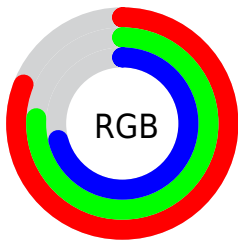
Format	Color
R_{YB}	201, 206, 181
Decimal	13550517
CIE Lab	79.32, 1.47, 8.40
CIE LCh	79, 8.530, 80.055
Yxy	55.4882, 0.3323, 0.3459
Android (android.graphics.Color)	4291740597 (0xFFCEC3B5)
YUV	196.6930, -7.7366, 8.1622
Hunter-Lab	74.4904, -2.6143, 11.0594

Details

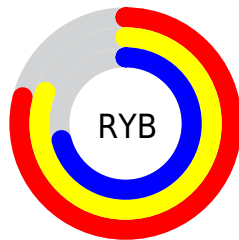
The XYZ color **53.3092, 55.4882, 51.6167** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.0462, 51.9784, 65.8409**, and the grayscale version is **52.9275, 55.6839, 60.6398**.

A 20% lighter version of the original color is **91.3365, 96.9952, 94.0288**, and **26.3701, 27.2837, 24.2985** is the 20% darker color. If you saturate the color by 10%, you get **49.3813, 50.7683, 40.6387**, and if you desaturate by 10%, it is **57.6759, 60.5844, 64.2843**.

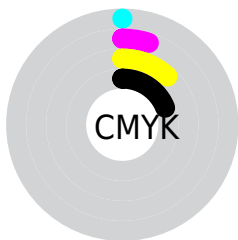
Distribution



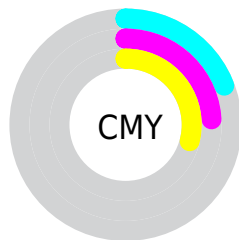
- Red (81%)
- Green (76%)
- Blue (71%)



- Red (79%)
- Yellow (81%)
- Blue (71%)



- Cyan (0%)
- Magenta (5%)
- Yellow (12%)
- Black (19%)



- Cyan (19%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3092, 55.4882, 51.6167 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 53.3092, 55.4882, 51.6167 by changing the saturation by 10% instead.

■ 53.3092, 55.4882,
51.6167

■ 53.3092, 55.4882,
51.6167

389.7117,
407.7599, 409.8698

■ 38.2781, 39.7927,
36.3195

■ 94.2220, 98.2559,
93.9865

■ 26.3768, 27.3770,
24.3894

120.8345,
126.0969, 121.8962

■ 17.2399, 17.8565,
15.4079

152.0382,
158.7552, 154.8472

■ 10.5021, 10.8470,
8.9563

188.1984,
196.6151, 193.2580

■ 5.7979, 5.9641,
4.6163

229.6805,
240.0612, 237.5471

■ 2.7621, 2.8232,
1.9692

276.8499,

■ 1.0292, 1.0402,

289.4778, 288.1331

0.5362

330.0718,
345.2492, 345.4345

■ 0.0000, 0.0000,
0.0000

■ 53.3092, 55.4882,
51.6167

■ 53.3092, 55.4882,
51.6167

■ 49.3813, 50.7683,
40.6387

■ 57.6759, 60.5844,
64.2843

■ 45.8719, 46.4077,
31.2741

■ 62.4919, 66.0590,
78.7061

■ 42.7656, 42.3984,
23.4459

■ 67.7727, 71.9233,
94.9478

■ 40.0441, 38.7295,
17.0696

■ 72.1494, 77.6330,
105.7897

■ 37.6876, 35.3893,
12.0524

■ 74.7551, 82.8445,
106.6583

■ 35.6742, 32.3650,
8.2904

■ 77.4941, 88.3225,
107.5713

■ 33.9789, 29.6428,
5.6647

■ 79.2638, 91.8619,
108.1612

■ 32.5722, 27.2065,
4.0328

■ 31.6294, 25.4730,
3.2497

Harmonies

Analogous

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



54.8771, 55.4882, 53.4880



53.3092, 55.4882, 51.6167



51.6214, 55.4882, 52.0040

Triad

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



53.3092, 55.4882, 51.6167



49.7140, 55.4882, 63.7010



55.2985, 55.4882, 66.6608

Complementary

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



53.3092, 55.4882, 51.6167



49.0462, 51.9784, 65.8409

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.



53.8744, 55.4882, 69.6922



53.3092, 55.4882, 51.6167



50.6588, 55.4882, 67.9204

Square

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



53.3092, 55.4882, 51.6167



49.5701, 55.4882, 58.8070



52.1746, 55.4882, 70.1652



56.0420, 55.4882, 62.0565

Rectangle

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



53.3092, 55.4882, 51.6167



50.6541, 55.4882, 53.4987



52.1746, 55.4882, 70.1652



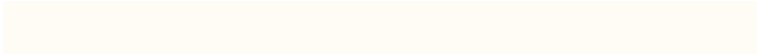
54.8821, 55.4882, 67.9078

Sweetspot

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



53.3107, 55.4906, 51.6179



92.0363, 96.5312, 100.0078



51.5203, 49.9872, 56.9483



19.5811, 20.5244, 21.0590



0.0000, 0.0000, 0.0000



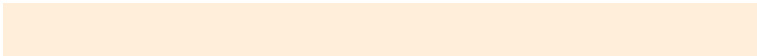
20.3446, 21.4041, 23.3091

Same Dimension

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



53.3107, 55.4906, 51.6179



84.3576, 87.5083, 77.9199



55.5203, 60.4230, 52.4535



11.7248, 12.2386, 11.8238



19.5743, 15.8816, 2.0338



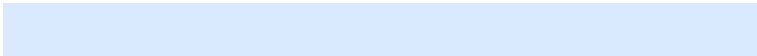
1.0846, 0.9690, 0.1299

Inverse Universe

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



49.0462, 51.9784, 65.8409



75.8927, 80.5369, 106.1529



47.0157, 47.4804, 65.0797



11.0010, 11.6424, 14.2378



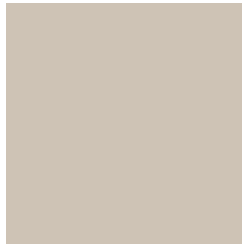
9.2363, 7.4966, 36.9164



0.5516, 0.5370, 1.9295

Previews

White Background



This preview shows how the XYZ color 53.3092, 55.4882, 51.6167 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 53.3092, 55.4882, 51.6167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

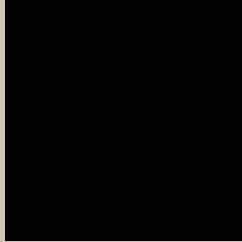
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

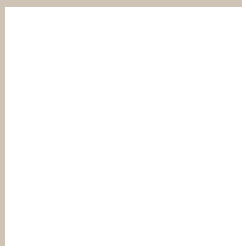
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 53.3092, 55.4882, 51.6167

Background



This preview shows how black text looks on a background with the XYZ color 53.3092, 55.4882, 51.6167.

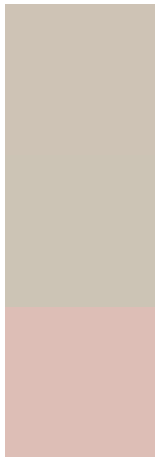


This preview shows how white text looks on a background with the XYZ color 53.3092, 55.4882,

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

53.3092, 55.4882, 51.6167

Protanopia

52.9823, 55.6534, 51.6658

Deuteranopia

56.6757, 55.5765, 51.9962



Tritanopia

56.0659, 55.2731, 66.1063

Trichromacy



Original Color

53.3092, 55.4882, 51.6167

Protanomaly

53.2573, 55.7952, 51.6787

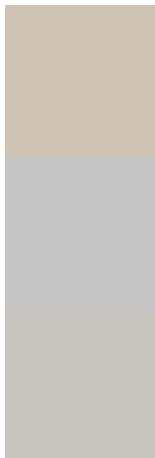
Deuteranomaly

55.6120, 55.6756, 52.0714

Tritanomaly

54.9401, 55.1404, 60.5708

Monochromacy



Original Color

53.3092, 55.4882, 51.6167

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.9633, 55.5208, 57.2153

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3092, 55.4882, 51.6167 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(206, 195, 181)` looks like.

```
.text, #text, p{  
    color:rgb(206, 195, 181)  
}
```

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(206, 195, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 195, 181) }
```

Border

The CSS property to change the border of an element to XYZ 53.3092, 55.4882, 51.6167 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(206, 195, 181) }
```


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

```
.border{ border-color:rgb(206, 195, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 195, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 195, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 195, 181);  
box-shadow:4px 4px 4px 4px rgb(206, 195,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3092, 55.4882, 51.6167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 195, 181) }
```

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

```
.background{ background-color: rgb(206,  
195, 181) }
```

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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