

Converting Colors

XYZ(52.4130, 54.6934, 56.0986)

Have a look what the booklet for
XYZ(52.4130, 54.6934, 56.0986)
contains.

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Color

**XYZ(52.2965, 54.5371,
55.9145)**

Conversions

Conversions Part 1

Format	Color
Hex	C8C2BD
RGB	200, 194, 189
RGB Percent	78%, 76%, 74%
CMY	0.2157, 0.2392, 0.2588
CMYK	0.00, 0.03, 0.05, 0.22
HSL	27°, 9%, 76%
HSV	27°, 5%, 78%
XYZ	52.2965, 54.5371, 55.9145
YIQ	195.2240, 5.1810, -0.2830

Conversions

Conversions Part 2

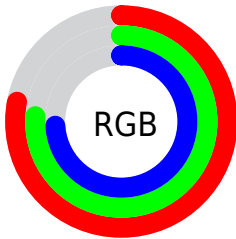
Format	Color
R _Y B	200, 198, 189
Decimal	13157053
CIE Lab	78.77, 1.21, 3.24
CIE LCh	79, 3.461, 69.601
Yxy	54.5371, 0.3213, 0.3351
Android (android.graphics.Color)	4291347133 (0xFFC8C2BD)
YUV	195.2240, -3.0684, 4.1886
Hunter-Lab	73.8492, -2.8310, 6.8034

Details

The XYZ color **52.2965, 54.5371, 55.9145** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.9266, 54.0182, 62.3866**, and the grayscale version is **52.0221, 54.7313, 59.6024**.

A 20% lighter version of the original color is **91.9070, 96.2238, 100.1152**, and **25.6761, 26.6447, 27.0822** is the 20% darker color. If you saturate the color by 10%, you get **47.9359, 49.0535, 44.4785**, and if you desaturate by 10%, it is **57.1376, 60.5013, 68.9890**.

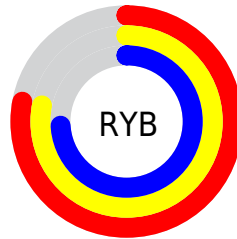
Distribution



Red (78%)

Green (76%)

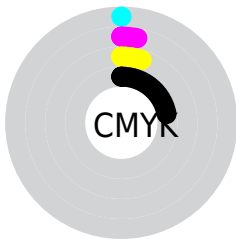
Blue (74%)



Red (78%)

Yellow (78%)

Blue (74%)

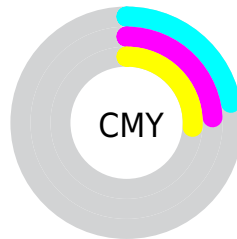


Cyan (0%)

Magenta (3%)

Yellow (5%)

Black (22%)



Cyan (22%)

Magenta (24%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.2965, 54.5371, 55.9145 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 52.2965, 54.5371, 55.9145 by changing the saturation by 10% instead.

■ 52.2965, 54.5371,
55.9145

■ 52.2965, 54.5371,
55.9145

385.8854,
404.1548, 426.7485

■ 37.4667, 39.0312,
39.7308

■ 92.7400, 96.8624,
100.3641

■ 25.7444, 26.7840,
27.0166

119.0844,
124.4506, 129.4671

■ 16.7642, 17.4111,
17.3531

149.9977,
156.8351, 163.7137

■ 10.1608, 10.5280,
10.3220

185.8453,
194.4002, 203.5223

■ 5.5688, 5.7504,
5.5046

226.9925,
237.5303, 249.3116

■ 2.6228, 2.6939,
2.4824

273.8047,

■ 0.9576, 0.9741,

286.6099, 301.5000

0.8308

326.6472,
342.0233, 360.5061

■ 0.0000, 0.0000,
0.0000

■ 52.2965, 54.5371,
55.9145

■ 52.2965, 54.5371,
55.9145

■ 47.9359, 49.0535,
44.4785

■ 57.1376, 60.5013,
68.9890

■ 44.0353, 44.0309,
34.6122

■ 62.4698, 66.9508,
83.7602

■ 40.5793, 39.4587,
26.2468

■ 68.3091, 73.8997,
100.2877

■ 37.5497, 35.3230,
19.3072

■ 72.3319, 80.4239,
106.3188

■ 34.9272, 31.6094,
13.7118

■ 75.5959, 86.9520,
107.4068

■ 32.6905, 28.3024,
9.3703

■ 77.6297, 91.0195,
108.0847

■ 30.8160, 25.3852,
6.1815

■ 29.2770, 22.8393,
4.0278

■ 28.0414, 20.6440,
2.7652

Harmonies

Analogous

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



52.8577, 54.5371, 57.0086



52.2965, 54.5371, 55.9145



51.6164, 54.5371, 55.7381

Triad

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



52.2965, 54.5371, 55.9145



50.5475, 54.5371, 60.0132



52.6803, 54.5371, 62.3369

Complementary

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



52.2965, 54.5371, 55.9145



50.9266, 54.0182, 62.3866

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.



52.0559, 54.5371, 63.1806



52.2965, 54.5371, 55.9145



50.8273, 54.5371, 61.8196

Square

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



52.2965, 54.5371, 55.9145



50.6107, 54.5371, 58.0760



51.3780, 54.5371, 62.9892



53.0807, 54.5371, 60.7067

Rectangle

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



52.2965, 54.5371, 55.9145



51.1878, 54.5371, 56.1606



51.3780, 54.5371, 62.9892



52.4894, 54.5371, 62.7235

Sweetspot

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



52.2980, 54.5395, 55.9157



93.3592, 97.9149, 104.3392



51.8737, 52.6177, 59.0823



20.0005, 20.9798, 22.3807



0.0000, 0.0000, 0.0000



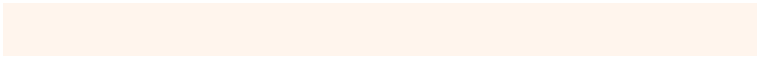
20.3446, 21.4041, 23.3091

Same Dimension

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



52.2980, 54.5395, 55.9157



89.2821, 92.8514, 93.4522



53.5325, 57.0083, 56.3272



11.2070, 11.6468, 11.6670



17.6100, 12.7371, 1.5304



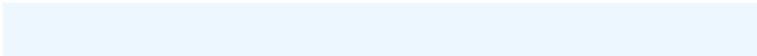
0.9060, 0.7474, 0.0965

Inverse Universe

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



50.9266, 54.0182, 62.3866



86.2493, 91.6986, 107.7615



49.7285, 51.6220, 61.9872



10.8044, 11.4937, 13.5665



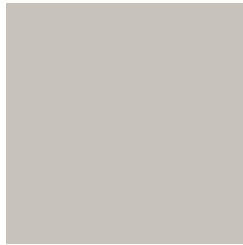
10.1980, 9.7899, 36.0965



0.5546, 0.6070, 1.7331

Previews

White Background



This preview shows how the XYZ color 52.2965, 54.5371, 55.9145 looks on a white background.

Color Contrast Check

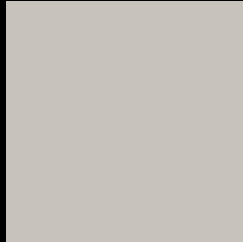
Large Text (above 18pt) WCAG AA × Fail

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 52.2965, 54.5371, 55.9145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

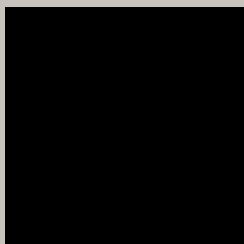
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.2965, 54.5371, 55.9145

Background



This preview shows how black text looks on a background with the XYZ color 52.2965, 54.5371, 55.9145.

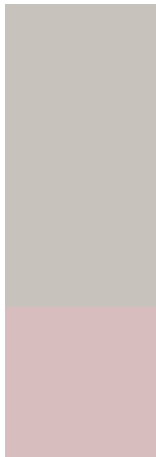


This preview shows how white text looks on a background with the XYZ color 52.2965, 54.5371,

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

52.2965, 54.5371, 55.9145

Protanopia

52.2965, 54.5371, 55.9145

Deuteranopia

55.8108, 54.7118, 56.3341



Tritanopia

54.4000, 54.4143, 66.0284

Trichromacy



Original Color

52.2965, 54.5371, 55.9145

Protanomaly

52.2965, 54.5371, 55.9145

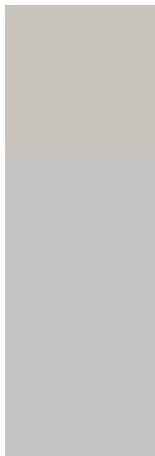
Deuteranomaly

54.5034, 54.6809, 56.3970

Tritanomaly

53.6321, 54.4260, 62.3221

Monochromacy



Original Color

52.2965, 54.5371, 55.9145

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

52.1667, 54.7508, 58.2706

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2965, 54.5371, 55.9145 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(200, 194, 189) looks like.

```
.text, #text, p{  
    color:rgb(200, 194, 189)  
}
```

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(200, 194, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 194, 189) }
```

Border

The CSS property to change the border of an element to XYZ 52.2965, 54.5371, 55.9145 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(200, 194, 189) }
```


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

```
.border{ border-color:rgb(200, 194, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 194, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 194, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 194, 189);  
box-shadow:4px 4px 4px 4px rgb(200, 194,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2965, 54.5371, 55.9145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 194, 189) }
```

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

```
.background{ background-color: rgb(200,  
194, 189) }
```

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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