

# Converting Colors

XYZ(54.3812, 55.5127, 34.5832)

Have a look what the booklet for  
XYZ(54.3812, 55.5127, 34.5832)  
contains.

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# Color

**XYZ(54.3919, 55.4316,  
34.6207)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DFC091
RGB	223, 192, 145
RGB Percent	87%, 75%, 57%
CMY	0.1255, 0.2470, 0.4314
CMYK	0.00, 0.14, 0.35, 0.13
HSL	36°, 55%, 72%
HSV	36°, 35%, 87%
XYZ	54.3919, 55.4316, 34.6207
YIQ	195.9110, 33.5630, -8.0450

# Conversions

## Conversions Part 2

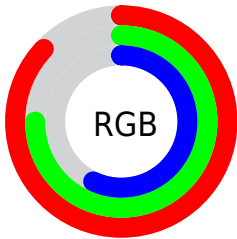
Format	Color
R <sub>Y</sub> B	196, 223, 145
Decimal	14663825
CIE Lab	79.29, 4.39, 27.78
CIE LCh	79, 28.129, 81.030
Yxy	55.4316, 0.3766, 0.3838
Android (android.graphics.Color)	4292853905 (0xFFDFC091)
YUV	195.9110, -25.0991, 23.7571
Hunter-Lab	74.4524, 0.1131, 24.5466

# Details

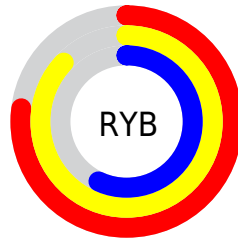
The XYZ color **54.3919, 55.4316, 34.6207** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **40.5212, 42.3968, 75.8597**, and the grayscale version is **52.5488, 55.2855, 60.2059**.

A 20% lighter version of the original color is **85.1162, 92.5183, 67.4045**, and **27.1893, 27.4889, 14.4625** is the 20% darker color. If you saturate the color by 10%, you get **50.9512, 51.0371, 25.8069**, and if you desaturate by 10%, it is **58.2901, 60.2005, 45.2533**.

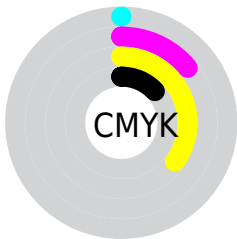
# Distribution



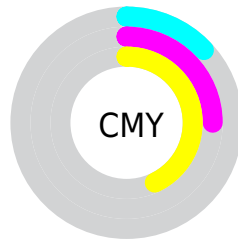
- Red (87%)
- Green (75%)
- Blue (57%)



- Red (77%)
- Yellow (87%)
- Blue (57%)



- Cyan (0%)
- Magenta (14%)
- Yellow (35%)
- Black (13%)




- Cyan (13%)
- Magenta (25%)
- Yellow (43%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3919, 55.4316, 34.6207 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 54.3919, 55.4316, 34.6207 by changing the saturation by 10% instead.





 54.3919, 55.4316,  
34.6207


 54.3919, 55.4316,  
34.6207


393.7767,  
407.5459, 337.7442

 39.1470, 39.7474,  
23.0896


 95.8029, 98.1730,  
68.0426

 27.0553, 27.3416,  
14.4538


 122.6998,  
125.9990, 90.7706

 17.7516, 17.8300,  
8.2946

154.2113,  
158.6411, 118.0679

 10.8704, 10.8280,  
4.1936

190.7029,  
196.4836, 150.3532

 6.0464, 5.9513,  
1.7321

232.5399,  
239.9109, 188.0449

 2.9142, 2.8155,  
0.3826

280.0876,

 1.1086, 1.0362,

289.3075, 231.5616

0.0000

333.7114,  
345.0577, 281.3219

■ 0.0323, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 54.3919, 55.4316,  
34.6207

■ 54.3919, 55.4316,  
34.6207

■ 50.9512, 51.0371,  
25.8069

■ 58.2901, 60.2005,  
45.2533

■ 47.9420, 46.9974,  
18.7034

■ 62.6618, 65.3475,  
57.7981

■ 45.3415, 43.3021,  
13.1953

■ 67.5274, 70.8858,  
72.3457

■ 43.1231, 39.9369,  
9.1518

■ 72.9044, 76.8255,  
88.9804

■ 41.2557, 36.8861,  
6.4213

■ 78.5670, 83.0791,  
106.5027

■ 39.7021, 34.1308,  
4.8181

■ 81.1865, 88.3182,  
107.3759

■ 39.0100, 32.8451,  
4.2837

■ 83.9345, 93.8141,  
108.2919

■ 84.2414, 94.4280,  
108.3942

# Harmonies

## Analogous

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



59.7912, 55.4316, 39.3192



54.3919, 55.4316, 34.6207



48.8963, 55.4316, 35.7976

# Triad

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



54.3919, 55.4316, 34.6207



43.2146, 55.4316, 72.1779



61.5580, 55.4316, 82.0271

# Complementary

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



54.3919, 55.4316, 34.6207



40.5212, 42.3968, 75.8597

# 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.



56.6668, 55.4316, 94.1620



54.3919, 55.4316, 34.6207



46.1674, 55.4316, 87.8086

# Square

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



54.3919, 55.4316, 34.6207



42.7009, 55.4316, 55.6499



51.0163, 55.4316, 96.4478



64.1179, 55.4316, 65.3193



# Rectangle

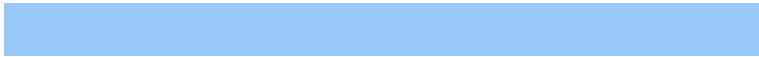
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.3919, 55.4316, 34.6207



45.8949, 55.4316, 39.8601



51.0163, 55.4316, 96.4478



60.1161, 55.4316, 86.8920

# Sweetspot

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



54.3933, 55.4342, 34.6218



88.0650, 92.1695, 87.6443



48.4135, 39.0819, 46.1706



18.6514, 19.5019, 18.1689



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.



54.3933, 55.4342, 34.6218



70.2314, 70.7030, 37.9209



59.5818, 69.2972, 37.0242



14.3909, 15.0677, 14.4567



23.0506, 19.5390, 2.5565



1.6845, 1.5278, 0.2061



# Inverse Universe

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



40.5212, 42.3968, 75.8597



48.7576, 50.5324, 101.7917



36.5444, 32.3321, 74.1267



13.3967, 14.1326, 17.4095



10.0165, 7.5026, 41.9686



0.7800, 0.6915, 2.9376



# Previews

## White Background



This preview shows how the XYZ color 54.3919, 55.4316, 34.6207 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 54.3919, 55.4316, 34.6207 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 54.3919, 55.4316, 34.6207**

## **Background**



This preview shows how black text looks on a background with the XYZ color 54.3919, 55.4316, 34.6207.



This preview shows how white text looks on a background with the XYZ color 54.3919, 55.4316,



# 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

54.3919, 55.4316, 34.6207

### Protanopia

51.8704, 55.4353, 35.5700

### Deuteranopia

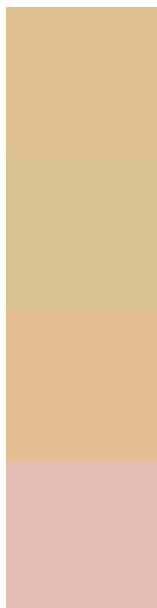
56.4502, 55.1976, 34.8731



## Tritanopia

59.9709, 55.4795, 61.5806

# Trichromacy



## Original Color

54.3919, 55.4316, 34.6207

## Protanomaly

52.7277, 55.5526, 35.1378

## Deuteranomaly

55.6990, 55.1285, 34.8993

## Tritanomaly

57.7985, 55.5520, 50.3241

# Monochromacy



## Original Color

54.3919, 55.4316, 34.6207

## Achromatopsia

52.4687, 55.2011, 60.1140

## Achromatomaly

52.9045, 55.3263, 49.4857

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 54.3919, 55.4316, 34.6207 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(223, 192, 145)` looks like.

```
.text, #text, p{  
    color:rgb(223, 192, 145)  
}
```

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(223, 192, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 192, 145) }
```

## Border

The CSS property to change the border of an element to XYZ 54.3919, 55.4316, 34.6207 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(223, 192, 145) }
```



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

```
.border{ border-color:rgb(223, 192, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 192, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 192, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 192, 145); box-shadow:4px 4px 4px 4px rgb(223, 192, 145) }
```

# Background

The CSS property to change the background color of an element to XYZ 54.3919, 55.4316, 34.6207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 192, 145) }
```

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

```
.background{ background-color: rgb(223,  
192, 145) }
```

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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