

# Converting Colors

XYZ(54.1986, 56.5837, 30.1077)

Have a look what the booklet for  
XYZ(54.1986, 56.5837, 30.1077)  
contains.

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# Color

**XYZ(54.1802, 56.4116,  
30.2232)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DFC385
RGB	223, 195, 133
RGB Percent	87%, 76%, 52%
CMY	0.1255, 0.2353, 0.4784
CMYK	0.00, 0.13, 0.40, 0.13
HSL	41°, 58%, 70%
HSV	41°, 40%, 87%
XYZ	54.1802, 56.4116, 30.2232
YIQ	196.3040, 36.5900, -13.3460

# Conversions

## Conversions Part 2

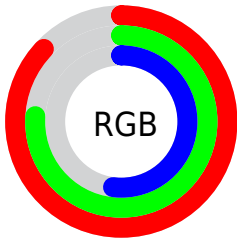
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 223, 133
Decimal	14664581
CIELab	79.85, 1.44, 34.79
CIELCh	80, 34.820, 87.630
Yxy	56.4116, 0.3848, 0.4006
Android (android.graphics.Color)	4292854661 (0xFFDFC385)
YUV	196.3040, -31.2089, 23.4124
Hunter-Lab	75.1077, -2.6744, 28.7172

# Details

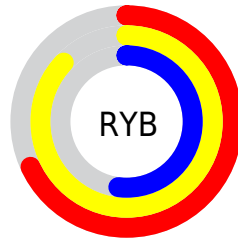
The XYZ color **54.1802, 56.4116, 30.2232** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **35.7367, 35.8029, 74.8393**, and the grayscale version is **52.8192, 55.5700, 60.5157**.

A 20% lighter version of the original color is **84.7068, 93.8422, 60.6625**, and **26.9219, 28.0622, 11.9803** is the 20% darker color. If you saturate the color by 10%, you get **51.2823, 52.8251, 22.4464**, and if you desaturate by 10%, it is **57.4802, 60.2786, 39.7489**.

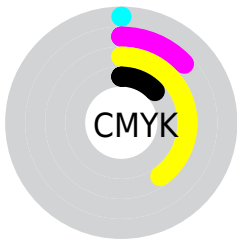
# Distribution



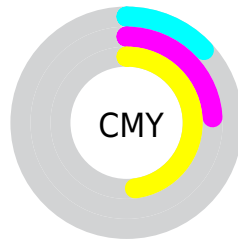
- Red (87%)
- Green (76%)
- Blue (52%)



- Red (68%)
- Yellow (87%)
- Blue (52%)



- Cyan (0%)
- Magenta (13%)
- Yellow (40%)
- Black (13%)




- Cyan (13%)
- Magenta (24%)
- Yellow (48%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 54.1802, 56.4116, 30.2232 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 54.1802, 56.4116, 30.2232 by changing the saturation by 10% instead.





 54.1802, 56.4116,  
30.2232


 54.1802, 56.4116,  
30.2232


392.9839,  
411.2408, 317.1831


 38.9770, 40.5330,  
19.7546


 95.4941, 99.6061,  
61.0801

 26.9225, 27.9544,  
12.0345

 122.3355,  
127.6909, 82.3056

 17.6513, 18.2913,  
6.6443


 153.7871,  
160.6131, 107.9536

 10.7981, 11.1593,  
3.1656

190.2141,  
198.7573, 138.4429

 5.9975, 6.1741,  
1.1798

231.9819,  
242.5077, 174.1920

 2.8842, 2.9512,  
0.0000

279.4559,

 1.0928, 1.1063,

292.2489, 215.6193

0.0000

333.0015,  
348.3651, 263.1435

■ 0.0191, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 54.1802, 56.4116,  
30.2232

■ 54.1802, 56.4116,  
30.2232

■ 51.2823, 52.8251,  
22.4464

■ 57.4802, 60.2786,  
39.7489

■ 48.7604, 49.5009,  
16.3047


■ 61.1982, 64.4278,  
51.1206


■ 46.5918, 46.4304,  
11.6763


■ 65.3539, 68.8707,  
64.4324


■ 44.7486, 43.6009,  
8.4207


■ 69.9648, 73.6156,  
79.7710


 43.1984, 40.9977,  
6.3707


 75.0471, 78.6706,  
97.2177

 41.9268, 38.6787,  
5.2560

 78.6572, 83.2595,  
106.5327

 80.7004, 87.3458,  
107.2138

 82.8221, 91.5892,  
107.9210

 84.2415, 94.4280,  
108.3942

# Harmonies

## Analogous

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



61.2083, 56.4116, 34.1193



54.1802, 56.4116, 30.2232



47.5729, 56.4116, 33.0457

# Triad

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



54.1802, 56.4116, 30.2232



42.4810, 56.4116, 81.2454



65.9024, 56.4116, 84.6432

# Complementary

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



54.1802, 56.4116, 30.2232



35.7367, 35.8029, 74.8393

# 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.



60.1537, 56.4116, 102.6427



54.1802, 56.4116, 30.2232



46.6818, 56.4116, 100.3980

# Square

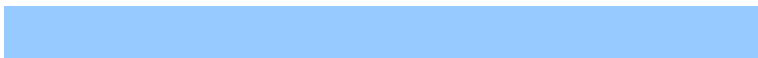
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.1802, 56.4116, 30.2232



41.1807, 56.4116, 59.8308



53.0588, 56.4116, 108.9562



68.3358, 56.4116, 63.0425



# Rectangle

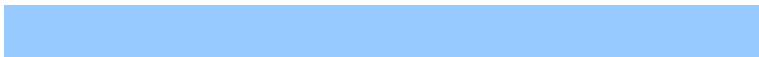
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.1802, 56.4116, 30.2232



44.2122, 56.4116, 38.7963



53.0588, 56.4116, 108.9562



64.2702, 56.4116, 91.4801

# Sweetspot

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



54.1816, 56.4142, 30.2244



87.5472, 92.2602, 83.9995



45.2966, 35.0545, 38.3293



18.5756, 19.5749, 17.4514



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.



54.1816, 56.4142, 30.2244



70.2400, 72.5303, 32.3434



56.2143, 67.6625, 32.2884



14.4933, 15.2726, 14.4908



24.7573, 22.9524, 3.1254



1.7947, 1.7483, 0.2429



# Inverse Universe

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



35.7367, 35.8029, 74.8393



42.1611, 41.1766, 100.3335



34.1932, 28.5402, 73.5188



13.2981, 13.9354, 17.3766



9.1849, 5.8394, 41.6914



0.7147, 0.5608, 2.9158



# Previews

## White Background



This preview shows how the XYZ color 54.1802, 56.4116, 30.2232 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

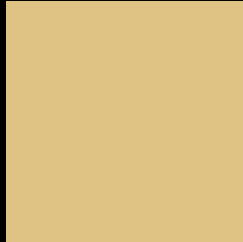
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 54.1802, 56.4116, 30.2232 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

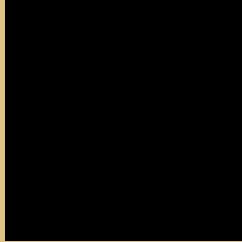
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 54.1802, 56.4116, 30.2232

## Background



This preview shows how black text looks on a background with the XYZ color 54.1802, 56.4116, 30.2232.



This preview shows how white text looks on a background with the XYZ color 54.1802, 56.4116,



# 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

54.1802, 56.4116, 30.2232

### Protanopia

52.2287, 56.4055, 30.6889

### Deuteranopia

57.4257, 56.1209, 30.3600



## Tritanopia

60.7346, 56.1579, 62.8968

# Trichromacy



## Original Color

54.1802, 56.4116, 30.2232

## Protanomaly

52.8846, 56.4054, 30.6543

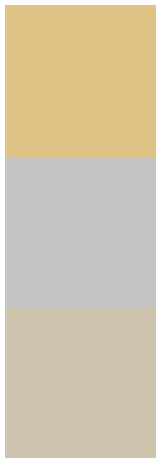
## Deuteranomaly

56.2126, 56.1386, 30.4274

## Tritanomaly

57.7126, 55.8607, 48.8147

# Monochromacy



## Original Color

54.1802, 56.4116, 30.2232

## Achromatopsia

52.4687, 55.2011, 60.1140

## Achromatomaly

52.7364, 55.6188, 47.4912

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 54.1802, 56.4116, 30.2232 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, 195, 133)` looks like.

```
.text, #text, p{  
    color:rgb(223, 195, 133)  
}
```

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, 195, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 195, 133) }
```

## Border

The CSS property to change the border of an element to XYZ 54.1802, 56.4116, 30.2232 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, 195, 133) }
```



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

```
.border{ border-color:rgb(223, 195, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 195, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 195, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 195, 133);  
box-shadow:4px 4px 4px 4px rgb(223, 195,  
133) }
```

# Background

The CSS property to change the background color of an element to XYZ 54.1802, 56.4116, 30.2232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 195, 133) }
```

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

```
.background{ background-color: rgb(223,  
195, 133) }
```

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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