

# Converting Colors

XYZ(57.4959, 56.2266, 27.2245)

Have a look what the booklet for  
XYZ(57.4959, 56.2266, 27.2245)  
contains.

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# Color

**XYZ(57.4959, 56.2266,  
27.2245)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EFBD7D
RGB	239, 189, 125
RGB Percent	94%, 74%, 49%
CMY	0.0627, 0.2588, 0.5098
CMYK	0.00, 0.21, 0.48, 0.06
HSL	34°, 78%, 71%
HSV	34°, 48%, 94%
XYZ	57.4959, 56.2266, 27.2245
YIQ	196.6540, 50.3440, -9.3040

# Conversions

## Conversions Part 2

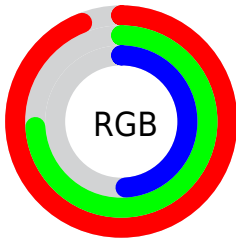
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	214, 239, 125
Decimal	15711613
CIE <sub>Lab</sub>	79.74, 10.18, 39.08
CIE <sub>LCh</sub>	80, 40.380, 75.395
Yxy	56.2266, 0.4079, 0.3989
Android (android.graphics.Color)	4293901693 (0xFFEFBD7D)
YUV	196.6540, -35.3254, 37.1374
Hunter-Lab	74.9844, 5.6460, 30.9627

# Details

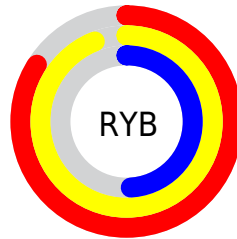
The XYZ color **57.4959, 56.2266, 27.2245** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **39.3668, 41.2503, 87.5484**, and the grayscale version is **53.0484, 55.8111, 60.7783**.

A 20% lighter version of the original color is **81.9283, 89.7792, 55.1305**, and **29.1302, 27.9401, 10.5143** is the 20% darker color. If you saturate the color by 10%, you get **53.9756, 51.3424, 19.4034**, and if you desaturate by 10%, it is **61.5493, 61.5891, 37.0366**.

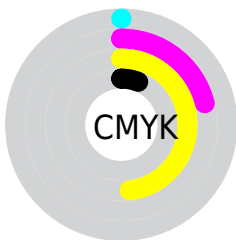
# Distribution



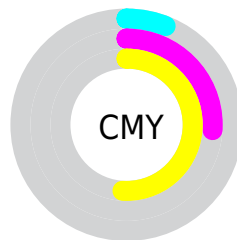
- Red (94%)
- Green (74%)
- Blue (49%)



- Red (84%)
- Yellow (94%)
- Blue (49%)



- Cyan (0%)
- Magenta (21%)
- Yellow (48%)
- Black (6%)




- Cyan (6%)
- Magenta (26%)
- Yellow (51%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4959, 56.2266, 27.2245 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 57.4959, 56.2266, 27.2245 by changing the saturation by 10% instead.





 57.4959, 56.2266,  
27.2245


 57.4959, 56.2266,  
27.2245


405.2891,  
410.5449, 302.5370


 41.6452, 40.3846,  
17.5080


 100.3156, 99.3358,  
56.2520

 29.0135, 27.8386,  
10.4315


 128.0153,  
127.3718, 76.4001

 19.2353, 18.2040,  
5.5767


 160.3954,  
160.2414, 100.8624

 11.9455, 11.0965,  
2.5248

197.8213,  
198.3287, 130.0576

 6.7785, 6.1318,  
0.8533

240.6582,  
242.0184, 164.4040

 3.3691, 2.9254,  
0.0000

289.2716,

 1.3518, 1.0929,

291.6947, 204.3204

0.0000

344.0268,  
347.7421, 250.2252

■ 0.2215, 0.0000,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 57.4959, 56.2266,  
27.2245

■ 57.4959, 56.2266,  
27.2245

■ 53.9756, 51.3424,  
19.4034

■ 61.5493, 61.5891,  
37.0366

■ 50.9539, 46.9108,  
13.4278


■ 66.1591, 67.4380,  
48.9646


■ 48.3984, 42.9152,  
9.1373


■ 71.3520, 73.7913,  
63.1269

■ 46.2696, 39.3341,  
6.3422

■ 77.1514, 80.6634,  
79.6322

 44.5155, 36.1405,  
4.7876

 83.5796, 88.0681,  
98.5818

 44.1475, 35.4526,  
4.5162

 88.4237, 95.1250,  
108.3083

 89.4065, 97.0907,  
108.6359

# Harmonies

## Analogous

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



65.2321, 56.2266, 34.4817



57.4959, 56.2266, 27.2245



49.3844, 56.2266, 27.3179

# Triad

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



57.4959, 56.2266, 27.2245



39.6990, 56.2266, 73.9393



65.4067, 56.2266, 98.5004

# Complementary

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



57.4959, 56.2266, 27.2245



39.3668, 41.2503, 87.5484

# 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.



57.7153, 56.2266, 115.5562



57.4959, 56.2266, 27.2245



43.1652, 56.2266, 99.1024

# Square

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



57.4959, 56.2266, 27.2245



39.6531, 56.2266, 50.5766



49.5827, 56.2266, 115.8010



70.1051, 56.2266, 73.2635



# Rectangle

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



57.4959, 56.2266, 27.2245



44.8606, 56.2266, 31.4145



49.5827, 56.2266, 115.8010



63.0527, 56.2266, 105.6345

# Sweetspot

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



57.4973, 56.2293, 27.2256



85.0330, 88.3248, 79.7918



50.7967, 36.1650, 45.5339



17.8973, 18.5430, 16.2239



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.



57.4973, 56.2293, 27.2256



62.7223, 59.7520, 22.8796



68.2705, 80.5878, 31.3595



16.5091, 17.2313, 16.6056



24.5299, 19.8579, 2.5401

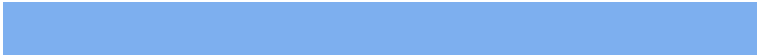


2.1396, 1.8498, 0.2443

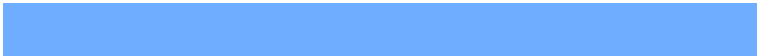


# Inverse Universe

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



39.3668, 41.2503, 87.5484



39.4560, 40.5507, 100.3553



32.2278, 25.7013, 84.9234



15.4676, 16.3694, 20.0660



11.5165, 9.2573, 46.3077



1.0555, 0.9649, 3.8848



# Previews

## White Background



This preview shows how the XYZ color 57.4959, 56.2266, 27.2245 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

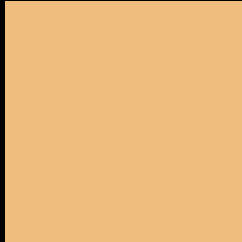
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 57.4959, 56.2266, 27.2245 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 57.4959, 56.2266, 27.2245**

## **Background**



This preview shows how black text looks on a background with the XYZ color 57.4959, 56.2266, 27.2245.



This preview shows how white text looks on a background with the XYZ color 57.4959, 56.2266,

27.2245.

# 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

57.4959, 56.2266, 27.2245

### Protanopia

52.1147, 56.3938, 28.5604

### Deuteranopia

57.4959, 56.2266, 27.2245



## Tritanopia

63.7151, 55.9500, 58.4802

# Trichromacy



## Original Color

57.4959, 56.2266, 27.2245

## Protanomaly

54.0863, 56.4098, 28.1162

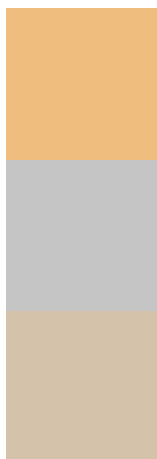
## Deuteranomaly

57.4959, 56.2266, 27.2245

## Tritanomaly

61.0571, 55.7862, 45.0859

# Monochromacy



## Original Color

57.4959, 56.2266, 27.2245

## Achromatopsia

53.0703, 55.8340, 60.8033

## Achromatomaly

53.7938, 55.5209, 46.4094

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 57.4959, 56.2266, 27.2245 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(239, 189, 125)` looks like.

```
.text, #text, p{  
    color:rgb(239, 189, 125)  
}
```

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(239, 189, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 189, 125) }
```

## Border

The CSS property to change the border of an element to XYZ 57.4959, 56.2266, 27.2245 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(239, 189, 125) }
```



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

```
.border{ border-color:rgb(239, 189, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 189, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 189, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 189, 125);  
box-shadow:4px 4px 4px 4px rgb(239, 189,  
125) }
```

# Background

The CSS property to change the background color of an element to XYZ 57.4959, 56.2266, 27.2245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 189, 125) }
```

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

```
.background{ background-color: rgb(239,  
189, 125) }
```

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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