

Converting Colors

XYZ(57.4956, 57.0636, 24.0526)

Have a look what the booklet for
XYZ(57.4956, 57.0636, 24.0526)
contains.

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Color

**XYZ(57.3219, 56.8501,
24.1716)**

Conversions

Conversions Part 1

Format	Color
Hex	EFBF73
RGB	239, 191, 115
RGB Percent	94%, 75%, 45%
CMY	0.0627, 0.2510, 0.5490
CMYK	0.00, 0.20, 0.52, 0.06
HSL	37°, 79%, 69%
HSV	37°, 52%, 94%
XYZ	57.3219, 56.8501, 24.1716
YIQ	196.6880, 53.0040, -13.4600

Conversions

Conversions Part 2

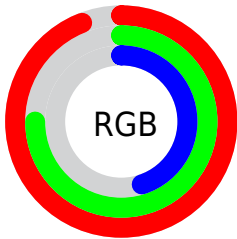
Format	Color
R _Y B	193, 239, 115
Decimal	15712115
CIE Lab	80.10, 8.24, 44.58
CIE LCh	80, 45.335, 79.534
Yxy	56.8501, 0.4143, 0.4109
Android (android.graphics.Color)	4293902195 (0xFFEFBF73)
YUV	196.6880, -40.2722, 37.1076
Hunter-Lab	75.3990, 3.7559, 33.7720

Details

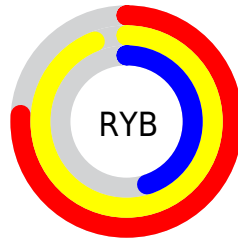
The XYZ color **57.3219, 56.8501, 24.1716** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **35.7468, 36.0698, 86.7392**, and the grayscale version is **53.0967, 55.8619, 60.8336**.

A 20% lighter version of the original color is **81.5686, 90.6087, 50.2359**, and **28.8363, 28.2504, 8.7835** is the 20% darker color. If you saturate the color by 10%, you get **54.1672, 52.4637, 17.1922**, and if you desaturate by 10%, it is **60.9633, 61.6395, 33.0731**.

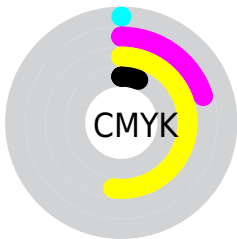
Distribution



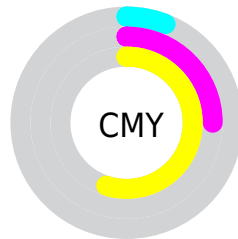
- Red (94%)
- Green (75%)
- Blue (45%)



- Red (76%)
- Yellow (94%)
- Blue (45%)



- Cyan (0%)
- Magenta (20%)
- Yellow (52%)
- Black (6%)





- Cyan (6%)
- Magenta (25%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.3219, 56.8501, 24.1716 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 57.3219, 56.8501, 24.1716 by changing the saturation by 10% instead.


 57.3219, 56.8501,
24.1716

 57.3219, 56.8501,
24.1716


404.6491,
412.8874, 287.0013

 41.5049, 40.8849,
15.2476


 100.0634,
100.2464, 51.2574

 28.9032, 28.2292,
8.8448


 127.7186,
128.4464, 70.2563

 19.1515, 18.4985,
4.5446


 160.0505,
161.4933, 93.4506

 11.8845, 11.3085,
1.9286

197.4246,
199.7717, 121.2587

 6.7367, 6.2747,
0.5109

240.2061,
243.6659, 154.0994

 3.3428, 3.0128,
0.0000

288.7605,

 1.3376, 1.1384,

293.5603, 192.3910

0.0000

343.4530,
349.8393, 236.5521

■ 0.2111, 0.0105,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.3219, 56.8501,
24.1716

■ 57.3219, 56.8501,
24.1716

■ 54.1672, 52.4637,
17.1922

■ 60.9633, 61.6395,
33.0731

■ 51.4645, 48.4561,
11.9825


■ 65.1147, 66.8382,
44.0266


■ 49.1805, 44.8122,
8.3722

■ 69.8026, 72.4625,
57.1543


■ 47.2738, 41.5116,
6.1552

■ 75.0502, 78.5252,
72.5680

 45.9518, 39.0612,
5.1176

 80.8792, 85.0384,
90.3718

 86.7574, 91.7925,
107.7529

 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.



66.3866, 56.8501, 30.7312



57.3219, 56.8501, 24.1716



48.3164, 56.8501, 25.2994

Triad

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



57.3219, 56.8501, 24.1716



38.9785, 56.8501, 80.4918



68.6878, 56.8501, 101.0810

Complementary

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



57.3219, 56.8501, 24.1716



35.7468, 36.0698, 86.7392

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.



60.1864, 56.8501, 123.1999



57.3219, 56.8501, 24.1716



43.3180, 56.8501, 109.1642

Square

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



57.3219, 56.8501, 24.1716



38.3975, 56.8501, 53.1207



50.8749, 56.8501, 126.5190



73.4269, 56.8501, 71.5972

Rectangle

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



57.3219, 56.8501, 24.1716



43.5092, 56.8501, 30.3991



50.8749, 56.8501, 126.5190



66.1331, 56.8501, 109.9421

Sweetspot

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



57.3233, 56.8528, 24.1727



84.3307, 87.9803, 76.2895



48.4827, 33.3147, 39.2823



17.7821, 18.5213, 15.5422



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.



57.3233, 56.8528, 24.1727



62.6419, 60.6190, 19.6839



65.5135, 79.2365, 28.0616



16.5794, 17.3719, 16.6290



25.5251, 21.8483, 2.8718



2.2196, 2.0099, 0.2710

Inverse Universe

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



35.7468, 36.0698, 86.7392



35.2118, 34.2413, 99.3611



30.5233, 23.0369, 84.4989



15.3989, 16.2319, 20.0431



10.8671, 7.9584, 46.0912



0.9977, 0.8494, 3.8656

Previews

White Background



This preview shows how the XYZ color 57.3219, 56.8501, 24.1716 looks on a white background.

Color Contrast Check

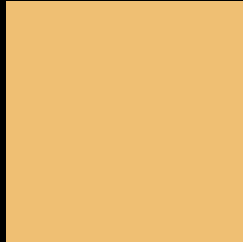
Large Text (above 18pt) WCAG AA × Fail

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 57.3219, 56.8501, 24.1716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

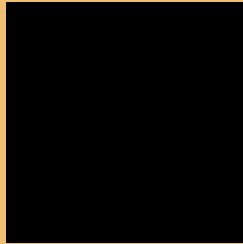
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.3219, 56.8501, 24.1716

Background



This preview shows how black text looks on a background with the XYZ color 57.3219, 56.8501, 24.1716.



This preview shows how white text looks on a background with the XYZ color 57.3219, 56.8501,

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

57.3219, 56.8501, 24.1716

Protanopia

52.6069, 57.0603, 25.3806

Deuteranopia

58.1259, 56.9420, 24.1470



Tritanopia

64.3802, 56.5807, 59.1577

Trichromacy



Original Color

57.3219, 56.8501, 24.1716

Protanomaly

54.3148, 56.9330, 24.9561

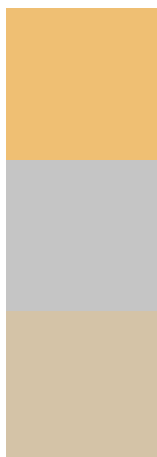
Deuteranomaly

57.7836, 56.7655, 24.1310

Tritanomaly

61.1940, 56.5058, 43.7578

Monochromacy



Original Color

57.3219, 56.8501, 24.1716

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.6415, 55.8173, 44.5058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3219, 56.8501, 24.1716 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, 191, 115)` looks like.

```
.text, #text, p{  
    color:rgb(239, 191, 115)  
}
```

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, 191, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 191, 115) }
```

Border

The CSS property to change the border of an element to XYZ 57.3219, 56.8501, 24.1716 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, 191, 115) }
```


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

```
.border{ border-color:rgb(239, 191, 115) }
```

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

Here you see how a box with a 4 pixel rgb(239, 191, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 191, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 191, 115);  
box-shadow:4px 4px 4px 4px rgb(239, 191,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3219, 56.8501, 24.1716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 191, 115) }
```

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

```
.background{ background-color: rgb(239,  
191, 115) }
```

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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