

Converting Colors

XYZ(59.0844, 56.8216, 36.2844)

Have a look what the booklet for
XYZ(59.0844, 56.8216, 36.2844)
contains.

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Color

**XYZ(59.2190, 56.9158,
36.2984)**

Conversions

Conversions Part 1

Format	Color
Hex	EFBD95
RGB	239, 189, 149
RGB Percent	94%, 74%, 58%
CMY	0.0627, 0.2588, 0.4157
CMYK	0.00, 0.21, 0.38, 0.06
HSL	27°, 74%, 76%
HSV	27°, 38%, 94%
XYZ	59.2190, 56.9158, 36.2984
YIQ	199.3900, 42.6400, -1.8400

Conversions

Conversions Part 2

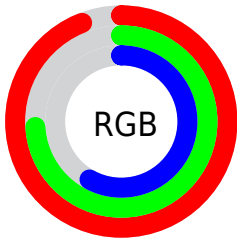
Format	Color
R _Y B	239, 221, 149
Decimal	15711637
CIE Lab	80.13, 12.69, 27.07
CIE LCh	80, 29.893, 64.889
Yxy	56.9158, 0.3885, 0.3734
Android (android.graphics.Color)	4293901717 (0xFFEFBD95)
YUV	199.3900, -24.8423, 34.7380
Hunter-Lab	75.4426, 8.0899, 24.2830

Details

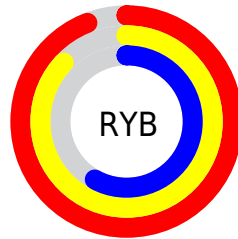
The XYZ color **59.2190, 56.9158, 36.2984** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.3971, 53.4665, 89.4306**, and the grayscale version is **54.6554, 57.5017, 62.6194**.

A 20% lighter version of the original color is **84.6719, 90.8766, 69.5782**, and **30.0648, 28.3139, 15.4358** is the 20% darker color. If you saturate the color by 10%, you get **54.7771, 50.7787, 26.3503**, and if you desaturate by 10%, it is **64.3168, 63.7378, 48.3980**.

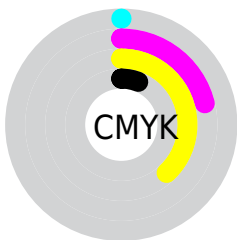
Distribution



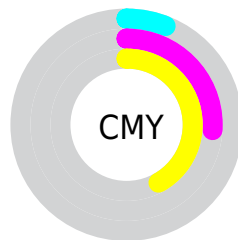
- Red (94%)
- Green (74%)
- Blue (58%)



- Red (94%)
- Yellow (87%)
- Blue (58%)



- Cyan (0%)
- Magenta (21%)
- Yellow (38%)
- Black (6%)





- Cyan (6%)
- Magenta (26%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.2190, 56.9158, 36.2984 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 59.2190, 56.9158, 36.2984 by changing the saturation by 10% instead.


 59.2190, 56.9158,
36.2984

 59.2190, 56.9158,
36.2984


411.5940,
413.1337, 345.3397

 43.0365, 40.9376,
24.3732


 102.8087,
100.3423, 70.6666

 30.1084, 28.2704,
15.3960


 130.9466,
128.5595, 93.9467

 20.0694, 18.5296,
8.9480


163.8003,
161.6251, 121.8489

 12.5540, 11.3309,
4.6110

201.7353,
199.9235, 154.7917

 7.1970, 6.2898,
1.9661

245.1167,
243.8392, 193.1936

 3.6331, 3.0221,
0.5343

294.3101,

 1.4967, 1.1433,

293.7566, 237.4732

0.0000

349.6808,
350.0599, 288.0491

■ 0.3236, 0.0146,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.2190, 56.9158,
36.2984

■ 59.2190, 56.9158,
36.2984

■ 54.7771, 50.7787,
26.3503

■ 64.3168, 63.7378,
48.3980

■ 50.9558, 45.2949,
18.4209

■ 70.0949, 71.2588,
62.7641

■ 47.7223, 40.4417,
12.3679

■ 76.5818, 79.5028,
79.5076

■ 45.0386, 36.1917,
8.0287

■ 83.8027, 88.4898,
98.7310

■ 42.8610, 32.5147,
5.2121

■ 89.4066, 97.0907,
108.6359

■ 41.1331, 29.3746,
3.6628

■ 40.7750, 28.7075,
3.3920

Harmonies

Analogous

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



64.2799, 56.9158, 44.7030



59.2190, 56.9158, 36.2984



53.1051, 56.9158, 34.2068

Triad

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



59.2190, 56.9158, 36.2984



43.2498, 56.9158, 64.8734



61.0737, 56.9158, 93.7452

Complementary

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



59.2190, 56.9158, 36.2984



48.3971, 53.4665, 89.4306

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.



55.1007, 56.9158, 101.7436



59.2190, 56.9158, 36.2984



45.0502, 56.9158, 83.1974

Square

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



59.2190, 56.9158, 36.2984



44.1728, 56.9158, 48.8033



49.2787, 56.9158, 97.5616



65.4058, 56.9158, 77.3181

Rectangle

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



59.2190, 56.9158, 36.2984



49.3174, 56.9158, 36.2599



49.2787, 56.9158, 97.5616



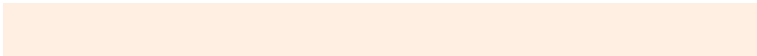
59.1753, 56.9158, 97.6360

Sweetspot

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



59.2204, 56.9185, 36.2995



86.0873, 88.7815, 85.2361



56.7697, 44.0163, 60.1479



18.2051, 18.7225, 17.6716



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.



59.2204, 56.9185, 36.2995



64.6789, 60.5344, 33.1831



70.1605, 78.7986, 39.9462



16.3511, 16.9154, 16.5529



22.6595, 16.1170, 1.9166



1.9828, 1.5362, 0.1920

Inverse Universe

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



48.3971, 53.4665, 89.4306



50.4987, 55.9998, 102.7552



39.6963, 36.0649, 86.5304



15.6254, 16.6850, 20.1186



13.3602, 12.9446, 46.9223



1.2105, 1.2750, 3.9365

Previews

White Background



This preview shows how the XYZ color 59.2190, 56.9158, 36.2984 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 59.2190, 56.9158, 36.2984 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 59.2190, 56.9158, 36.2984

Background



This preview shows how black text looks on a background with the XYZ color 59.2190, 56.9158, 36.2984.



This preview shows how white text looks on a background with the XYZ color 59.2190, 56.9158,

36.2984.

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

59.2190, 56.9158, 36.2984

Protanopia

53.3246, 57.1438, 38.3563

Deuteranopia

58.3166, 57.0937, 36.3803



Tritanopia

64.3198, 57.1313, 60.4607

Trichromacy



Original Color

59.2190, 56.9158, 36.2984

Protanomaly

55.3068, 56.8268, 37.7595

Deuteranomaly

58.4303, 56.8297, 36.3234

Tritanomaly

62.2051, 56.8705, 50.8785

Monochromacy



Original Color

59.2190, 56.9158, 36.2984

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.5872, 56.6626, 51.7233

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2190, 56.9158, 36.2984 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, 149)` looks like.

```
.text, #text, p{  
    color:rgb(239, 189, 149)  
}
```

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, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 189, 149) }
```

Border

The CSS property to change the border of an element to XYZ 59.2190, 56.9158, 36.2984 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, 149) }
```


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

```
.border{ border-color:rgb(239, 189, 149) }
```

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, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 189, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 189, 149);  
box-shadow:4px 4px 4px 4px rgb(239, 189,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2190, 56.9158, 36.2984 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, 149) }
```

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

```
.background{ background-color: rgb(239,  
189, 149) }
```

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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