

Converting Colors

XYZ(59.1738, 58.9282, 33.0664)

Have a look what the booklet for
XYZ(59.1738, 58.9282, 33.0664)
contains.

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Color

**XYZ(59.1738, 58.9282,
33.0664)**

Conversions

Conversions Part 1

Format	Color
Hex	EDC38C
RGB	237, 195, 140
RGB Percent	93%, 76%, 55%
CMY	0.0706, 0.2353, 0.4510
CMYK	0.00, 0.18, 0.41, 0.07
HSL	34°, 73%, 74%
HSV	34°, 41%, 93%
XYZ	59.1738, 58.9282, 33.0664
YIQ	201.2880, 42.6870, -8.2010

Conversions

Conversions Part 2

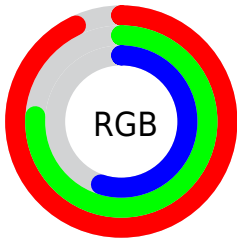
Format	Color
R _Y B	214, 237, 140
Decimal	15582092
CIE Lab	81.25, 7.75, 33.24
CIE LCh	81, 34.135, 76.877
Yxy	58.9282, 0.3914, 0.3898
Android (android.graphics.Color)	4293772172 (0xFFEDC38C)
YUV	201.2880, -30.2150, 31.3194
Hunter-Lab	76.7647, 3.2579, 28.1961

Details

The XYZ color **59.1738, 58.9282, 33.0664** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **42.8286, 45.1441, 86.5771**, and the grayscale version is **55.8604, 58.7695, 64.0000**.

A 20% lighter version of the original color is **85.4748, 94.1494, 64.7066**, and **29.9185, 29.3547, 13.5403** is the 20% darker color. If you saturate the color by 10%, you get **55.3908, 53.8641, 24.0926**, and if you desaturate by 10%, it is **63.4941, 64.4644, 44.0773**.

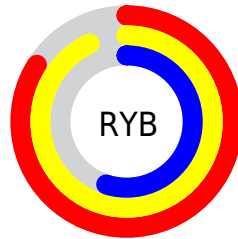
Distribution



Red (93%)

Green (76%)

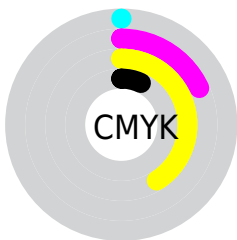
Blue (55%)



Red (84%)

Yellow (93%)

Blue (55%)

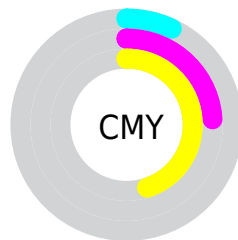


Cyan (0%)

Magenta (18%)

Yellow (41%)

Black (7%)



Cyan (7%)

Magenta (24%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1738, 58.9282, 33.0664 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 59.1738, 58.9282, 33.0664 by changing the saturation by 10% instead.

59.1738, 58.9282,
33.0664

59.1738, 58.9282,
33.0664

411.4294,
420.6358, 330.5900

43.0000, 42.5553,
21.9058

102.7434,
103.2733, 65.5964

30.0796, 29.5364,
13.5900

130.8699,
132.0143, 87.8028

20.0474, 19.4869,
7.7006

163.7113,
165.6468, 114.5283

12.5380, 12.0227,
3.8190

201.6329,
204.5553, 146.1914

7.1860, 6.7591,
1.5266

245.0002,
249.1240, 183.2105

3.6260, 3.3119,
0.2376

294.1785,

1.4928, 1.2967,

299.7374, 226.0043

0.0000

349.5331,
356.7798, 274.9913

■ 0.3209, 0.1386,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.1738, 58.9282,
33.0664

■ 59.1738, 58.9282,
33.0664

■ 55.3908, 53.8641,
24.0926

■ 63.4941, 64.4644,
44.0773

■ 52.1132, 49.2476,
17.0228


■ 68.3727, 70.4794,
57.2398


■ 49.3118, 45.0643,
11.7135


■ 73.8344, 76.9901,
72.6640


■ 46.9522, 41.2948,
7.9991

■ 79.9012, 84.0099,
90.4515

 44.9935, 37.9173,
5.6815

 86.0248, 91.3241,
107.7011

 43.5048, 35.1640,
4.4944

 88.7350, 96.7445,
108.6045

Harmonies

Analogous

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



65.8927, 58.9282, 39.6009



59.1738, 58.9282, 33.0664



52.1304, 58.9282, 33.4953

Triad

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



59.1738, 58.9282, 33.0664



43.9100, 58.9282, 76.2247



66.6015, 58.9282, 94.8493

Complementary

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



59.1738, 58.9282, 33.0664



42.8286, 45.1441, 86.5771

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.



60.0764, 58.9282, 109.4400



59.1738, 58.9282, 33.0664



47.1675, 58.9282, 97.2242

Square

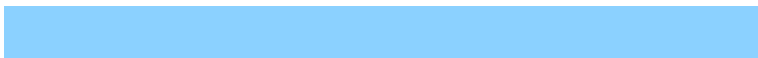
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.1738, 58.9282, 33.0664



43.7131, 58.9282, 55.6708



52.9600, 58.9282, 110.3912



70.4194, 58.9282, 73.4772

Rectangle

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



59.1738, 58.9282, 33.0664



48.1933, 58.9282, 37.6445



52.9600, 58.9282, 110.3912



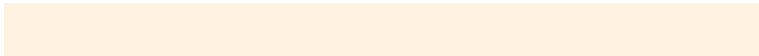
64.6281, 58.9282, 100.8901

Sweetspot

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



59.1753, 58.9310, 33.0676



86.4273, 90.0204, 83.6262



52.7504, 40.1400, 49.2421



18.3116, 19.0469, 17.3634



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.



59.1753, 58.9310, 33.0676



66.1371, 64.6020, 30.1203



67.8225, 79.3732, 36.5576



15.7744, 16.4717, 15.8667



23.8850, 19.4642, 2.4981



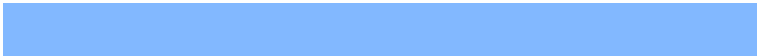
1.9709, 1.7191, 0.2279

Inverse Universe

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



42.8286, 45.1441, 86.5771



44.4343, 46.3111, 101.2047



36.6019, 31.0251, 84.1800



14.7676, 15.6216, 19.1592



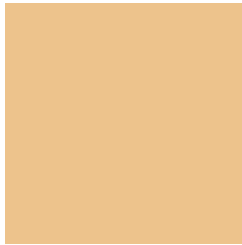
11.0973, 8.8416, 44.8647



0.9654, 0.8822, 3.5543

Previews

White Background



This preview shows how the XYZ color 59.1738, 58.9282, 33.0664 looks on a white background.

Color Contrast Check

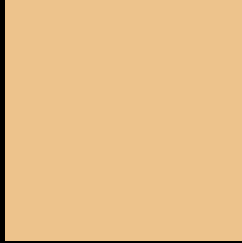
Large Text (above 18pt) WCAG AA × Fail

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 59.1738, 58.9282, 33.0664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

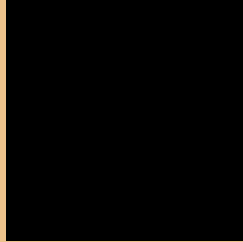
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.1738, 58.9282, 33.0664

Background



This preview shows how black text looks on a background with the XYZ color 59.1738, 58.9282, 33.0664.



This preview shows how white text looks on a background with the XYZ color 59.1738, 58.9282,

33.0664.

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

59.1738, 58.9282, 33.0664

Protanopia

54.9919, 59.1297, 34.5014

Deuteranopia

60.0792, 58.7342, 32.9813



Tritanopia

65.2751, 58.8124, 63.1699

Trichromacy



Original Color

59.1738, 58.9282, 33.0664

Protanomaly

56.3572, 58.8074, 33.9718

Deuteranomaly

59.9606, 59.0023, 33.0393

Tritanomaly

62.8258, 58.7824, 50.6827

Monochromacy



Original Color

59.1738, 58.9282, 33.0664

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.2917, 58.3977, 50.9528

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1738, 58.9282, 33.0664 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(237, 195, 140)` looks like.

```
.text, #text, p{  
    color:rgb(237, 195, 140)  
}
```

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(237, 195, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 195, 140) }
```

Border

The CSS property to change the border of an element to XYZ 59.1738, 58.9282, 33.0664 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(237, 195, 140) }
```


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

```
.border{ border-color:rgb(237, 195, 140) }
```

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

Here you see how a box with a 4 pixel rgb(237, 195, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 195, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 195, 140);  
box-shadow:4px 4px 4px 4px rgb(237, 195,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1738, 58.9282, 33.0664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 195, 140) }
```

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

```
.background{ background-color: rgb(237,  
195, 140) }
```

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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