

Converting Colors

XYZ(61.0174, 59.6576, 33.6571)

Have a look what the booklet for
XYZ(61.0174, 59.6576, 33.6571)
contains.

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Color

**XYZ(61.0617, 59.5613,
33.4775)**

Conversions

Conversions Part 1

Format	Color
Hex	F3C28D
RGB	243, 194, 141
RGB Percent	95%, 76%, 55%
CMY	0.0471, 0.2392, 0.4471
CMYK	0.00, 0.20, 0.42, 0.05
HSL	31°, 81%, 75%
HSV	31°, 42%, 95%
XYZ	61.0617, 59.5613, 33.4775
YIQ	202.6090, 46.2170, -6.0950

Conversions

Conversions Part 2

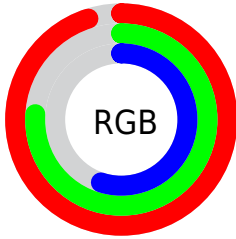
Format	Color
R _Y B	235, 243, 141
Decimal	15975053
CIE Lab	81.60, 10.75, 33.29
CIE LCh	82, 34.979, 72.106
Yxy	59.5613, 0.3962, 0.3865
Android (android.graphics.Color)	4294165133 (0xFFFF3C28D)
YUV	202.6090, -30.3732, 35.4229
Hunter-Lab	77.1760, 6.1714, 28.3043

Details

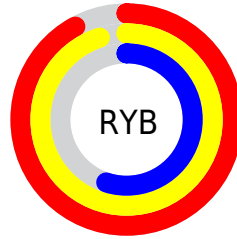
The XYZ color **61.0617, 59.5613, 33.4775** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.5751, 48.9591, 91.8421**, and the grayscale version is **56.6849, 59.6369, 64.9446**.

A 20% lighter version of the original color is **85.2759, 93.5713, 65.1963**, and **31.2311, 29.8086, 13.7804** is the 20% darker color. If you saturate the color by 10%, you get **56.9520, 53.9248, 24.1447**, and if you desaturate by 10%, it is **65.7752, 65.7702, 44.9698**.

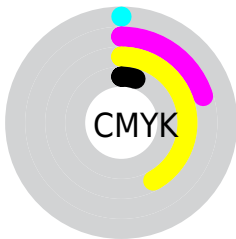
Distribution



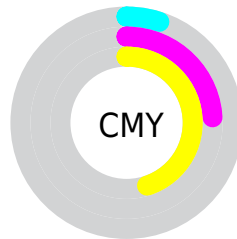
- Red (95%)
- Green (76%)
- Blue (55%)



- Red (92%)
- Yellow (95%)
- Blue (55%)



- Cyan (0%)
- Magenta (20%)
- Yellow (42%)
- Black (5%)





- Cyan (5%)
- Magenta (24%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.0617, 59.5613, 33.4775 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 61.0617, 59.5613, 33.4775 by changing the saturation by 10% instead.

 61.0617, 59.5613,
33.4775


 61.0617, 59.5613,
33.4775


418.2725,
422.9788, 332.4937


 44.5277, 43.0651,
22.2184


 105.4659,
104.1930, 66.2449

 31.2853, 29.9362,
13.8176


 134.0668,
133.0973, 88.5902

 20.9691, 19.7902,
7.8566


 167.4206,
166.9065, 115.4681

 13.2137, 12.2426,
3.9169

205.8929,
206.0049, 147.2970

 7.6539, 6.9091,
1.5799

249.8488,
250.7770, 184.4954

 3.9242, 3.4053,
0.2764

299.6538,

 1.6594, 1.3468,

301.6070, 227.4820

0.0000

355.6733,
358.8795, 276.6752

■ 0.4306, 0.1770,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.0617, 59.5613,
33.4775

■ 61.0617, 59.5613,
33.4775

■ 56.9520, 53.9248,
24.1447

■ 65.7752, 65.7702,
44.9698

■ 53.4106, 48.8325,
16.8281

■ 71.1163, 72.5617,
58.7450

■ 50.4050, 44.2658,
11.3727

■ 77.1130, 79.9561,
74.9215

■ 47.8961, 40.2012,
7.5986

■ 83.7897, 87.9700,
93.6083

■ 45.8382, 36.6118,
5.2896

■ 89.9382, 96.1267,
108.4218

■ 44.4585, 34.0473,
4.2286

■ 90.7722, 97.7947,
108.6998

Harmonies

Analogous

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



67.7472, 59.5613, 41.3393



61.0617, 59.5613, 33.4775



53.7010, 59.5613, 32.8021

Triad

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



61.0617, 59.5613, 33.4775



43.8963, 59.5613, 73.7091



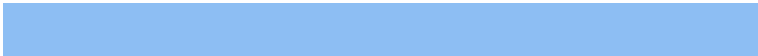
66.6172, 59.5613, 99.7208

Complementary

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



61.0617, 59.5613, 33.4775



45.5751, 48.9591, 91.8421

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.



59.6248, 59.5613, 112.9756



61.0617, 59.5613, 33.4775



46.7678, 59.5613, 95.9238

Square

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



61.0617, 59.5613, 33.4775



44.2084, 59.5613, 53.2031



52.3824, 59.5613, 111.4526



71.1406, 59.5613, 78.0883

Rectangle

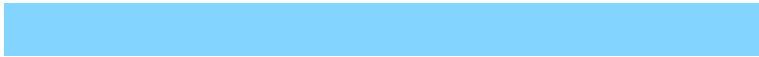
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.0617, 59.5613, 33.4775



49.4327, 59.5613, 36.2732



52.3824, 59.5613, 111.4526



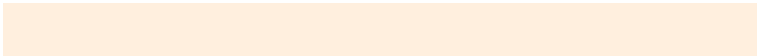
64.4531, 59.5613, 105.4946

Sweetspot

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



61.0632, 59.5641, 33.4787



85.2937, 88.3038, 81.5508



55.8146, 41.8359, 54.0213



17.9294, 18.5007, 16.5635



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.



61.0632, 59.5641, 33.4787



64.3410, 61.2806, 28.6871



73.2367, 84.7780, 37.7039



17.2116, 17.9073, 17.3469



24.5363, 18.9583, 2.3661



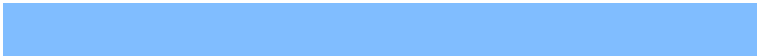
2.2594, 1.8721, 0.2423

Inverse Universe

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



45.5751, 48.9591, 91.8421



45.0196, 48.0555, 101.5106



36.9790, 31.3345, 88.8933



16.2380, 17.2402, 21.0144



12.4860, 10.7657, 47.9579



1.1997, 1.1508, 4.2491

Previews

White Background



This preview shows how the XYZ color 61.0617, 59.5613, 33.4775 looks on a white background.

Color Contrast Check

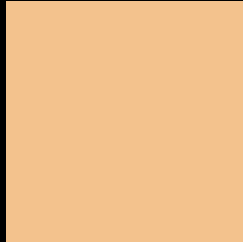
Large Text (above 18pt) WCAG AA × Fail

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 61.0617, 59.5613, 33.4775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

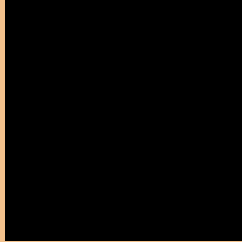
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.0617, 59.5613, 33.4775

Background



This preview shows how black text looks on a background with the XYZ color 61.0617, 59.5613, 33.4775.



This preview shows how white text looks on a background with the XYZ color 61.0617, 59.5613,

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

61.0617, 59.5613, 33.4775

Protanopia

55.6802, 59.8163, 35.3991

Deuteranopia

60.7175, 59.3839, 33.4614



Tritanopia

67.1684, 59.4746, 63.1979

Trichromacy



Original Color

61.0617, 59.5613, 33.4775

Protanomaly

57.6832, 59.8162, 34.8910

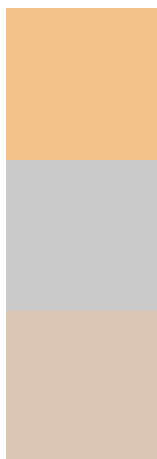
Deuteranomaly

60.7175, 59.3839, 33.4614

Tritanomaly

64.6921, 59.4240, 50.7082

Monochromacy



Original Color

61.0617, 59.5613, 33.4775

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.8059, 59.5093, 51.6198

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0617, 59.5613, 33.4775 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(243, 194, 141)` looks like.

```
.text, #text, p{  
    color:rgb(243, 194, 141)  
}
```

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(243, 194, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 194, 141) }
```

Border

The CSS property to change the border of an element to XYZ 61.0617, 59.5613, 33.4775 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(243, 194, 141) }
```


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

```
.border{ border-color:rgb(243, 194, 141) }
```

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

Here you see how a box with a 4 pixel rgb(243, 194, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 194, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 194, 141);  
box-shadow:4px 4px 4px 4px rgb(243, 194,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0617, 59.5613, 33.4775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 194, 141) }
```

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

```
.background{ background-color: rgb(243,  
194, 141) }
```

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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