

Converting Colors

XYZ(65.2156, 61.2357, 39.8349)

Have a look what the booklet for
XYZ(65.2156, 61.2357, 39.8349)
contains.

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Color

**XYZ(65.2156, 61.2357,
39.8349)**

Conversions

Conversions Part 1

Format	Color
Hex	FCC19C
RGB	252, 193, 156
RGB Percent	99%, 76%, 61%
CMY	0.0118, 0.2431, 0.3882
CMYK	0.00, 0.23, 0.38, 0.01
HSL	23°, 94%, 80%
HSV	23°, 38%, 99%
XYZ	65.2156, 61.2357, 39.8349
YIQ	206.4230, 47.0410, 1.0010

Conversions

Conversions Part 2

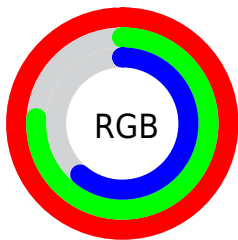
Format	Color
R _Y B	252, 216, 156
Decimal	16564636
CIE Lab	82.51, 16.41, 26.79
CIE LCh	83, 31.421, 58.514
Yxy	61.2357, 0.3922, 0.3683
Android (android.graphics.Color)	4294754716 (0xFFFC19C)
YUV	206.4230, -24.8585, 39.9710
Hunter-Lab	78.2532, 11.8172, 24.5956

Details

The XYZ color **65.2156, 61.2357, 39.8349** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.5805, 62.6947, 101.2673**, and the grayscale version is **59.0720, 62.1484, 67.6796**.

A 20% lighter version of the original color is **87.1835, 94.3344, 75.2413**, and **33.9794, 30.9340, 17.2767** is the 20% darker color. If you saturate the color by 10%, you get **60.0533, 53.9791, 28.6562**, and if you desaturate by 10%, it is **71.1822, 69.3922, 53.4669**.

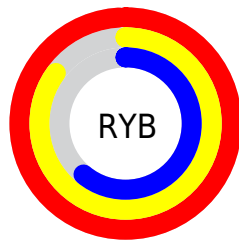
Distribution



Red (99%)

Green (76%)

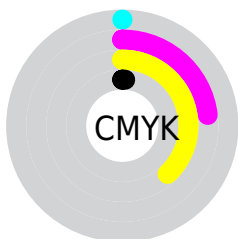
Blue (61%)



Red (99%)

Yellow (85%)

Blue (61%)

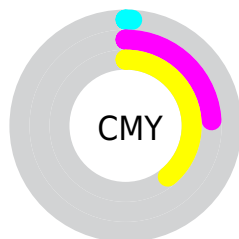


Cyan (0%)

Magenta (23%)

Yellow (38%)

Black (1%)



Cyan (1%)


Magenta (24%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 65.2156, 61.2357, 39.8349 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 65.2156, 61.2357, 39.8349 by changing the saturation by 10% instead.


 65.2156, 61.2357,
39.8349


 65.2156, 61.2357,
39.8349


433.0993,
429.1377, 360.9586

 47.9013, 44.4154,
27.0970


 111.4238,
106.6201, 76.1464

 33.9596, 30.9972,
17.4130


 141.0483,
135.9531, 100.5571

 23.0253, 20.5967,
10.3643


175.5069,
170.2257, 129.6958

 14.7330, 12.8296,
5.5324

215.1651,
209.8224, 163.9811

 8.7173, 7.3113,
2.4988

260.3880,
255.1275, 203.8314

 4.6129, 3.6575,
0.8395

311.5411,

 2.0544, 1.4839,

306.5255, 249.6655

0.0000

368.9898,
364.4008, 301.9017

0.6642, 0.2774,
0.0000

0.0000, 0.0000,
0.0000

65.2156, 61.2357,
39.8349

65.2156, 61.2357,
39.8349

60.0533, 53.9791,
28.6562

71.1822, 69.3922,
53.4669

55.6521, 47.5806,
19.7781

77.9842, 78.4710,
69.6849

51.9713, 42.0078,
13.0366

85.6565, 88.5044,
88.6160

48.9640, 37.2226,
8.2438

93.9391, 99.4040,
108.8435

■ 46.5759, 33.1825, 93.9549, 99.4354,
5.1785 108.8487

■ 44.7370, 29.8376,
3.5392

■ 44.4325, 29.2706,
3.3079

Harmonies

Analogous

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



70.3110, 61.2357, 50.5240



65.2156, 61.2357, 39.8349



58.5385, 61.2357, 36.1019

Triad

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



65.2156, 61.2357, 39.8349



46.2177, 61.2357, 65.7201



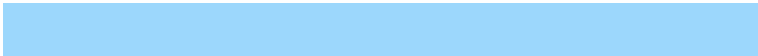
64.5914, 61.2357, 104.7647

Complementary

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



65.2156, 61.2357, 39.8349



55.5805, 62.6947, 101.2673

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.



57.8682, 61.2357, 110.9319



65.2156, 61.2357, 39.8349



47.5710, 61.2357, 85.9468

Square

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



65.2156, 61.2357, 39.8349



47.8646, 61.2357, 49.1549



51.7115, 61.2357, 103.4729



69.9315, 61.2357, 87.9308

Rectangle

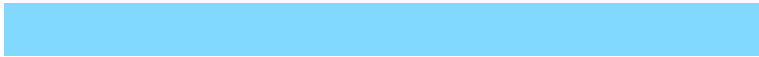
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.2156, 61.2357, 39.8349



54.1954, 61.2357, 37.3807



51.7115, 61.2357, 103.4729



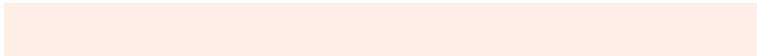
62.4028, 61.2357, 108.2817

Sweetspot

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



65.2172, 61.2386, 39.8361



85.6037, 87.8142, 85.0749



64.3251, 49.3895, 70.5680



18.0901, 18.4925, 17.6332



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.



65.2172, 61.2386, 39.8361



62.7219, 56.9187, 31.6116



77.5419, 85.8881, 43.9444



17.7932, 18.3222, 18.0611



23.2774, 15.5114, 1.7671



2.2551, 1.6350, 0.1967

Inverse Universe

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



55.5805, 62.6947, 101.2673



51.4749, 58.5842, 103.2026



45.1369, 41.8076, 97.7861



17.1712, 18.4191, 22.0355



15.3937, 16.1429, 50.2781



1.5284, 1.7004, 4.6908

Previews

White Background



This preview shows how the XYZ color 65.2156, 61.2357, 39.8349 looks on a white background.

Color Contrast Check

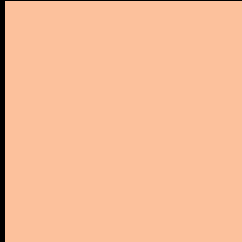
Large Text (above 18pt) WCAG AA × Fail

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 65.2156, 61.2357, 39.8349 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

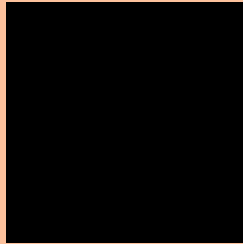
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.2156, 61.2357, 39.8349

Background



This preview shows how black text looks on a background with the XYZ color 65.2156, 61.2357, 39.8349.



This preview shows how white text looks on a background with the XYZ color 65.2156, 61.2357,

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

65.2156, 61.2357, 39.8349

Protanopia

57.5663, 61.3313, 42.9865

Deuteranopia

62.5006, 61.1763, 39.5244



Tritanopia

69.5529, 61.0177, 63.3701

Trichromacy



Original Color

65.2156, 61.2357, 39.8349

Protanomaly

60.1868, 61.3003, 41.9177

Deuteranomaly

63.6624, 61.4392, 39.5139

Tritanomaly

67.8276, 60.9688, 54.0922

Monochromacy



Original Color

65.2156, 61.2357, 39.8349

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

60.3952, 61.0921, 56.1857

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.2156, 61.2357, 39.8349 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(252, 193, 156)` looks like.

```
.text, #text, p{  
    color:rgb(252, 193, 156)  
}
```

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(252, 193, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 193, 156) }
```

Border

The CSS property to change the border of an element to XYZ 65.2156, 61.2357, 39.8349 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(252, 193, 156) }
```


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

```
.border{ border-color:rgb(252, 193, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 193, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 193, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 193, 156);  
box-shadow:4px 4px 4px 4px rgb(252, 193,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 65.2156, 61.2357, 39.8349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 193, 156) }
```

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

```
.background{ background-color: rgb(252,  
193, 156) }
```

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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