

# Converting Colors

XYZ(65.9755, 62.0452, 39.1793)

Have a look what the booklet for  
XYZ(65.9755, 62.0452, 39.1793)  
contains.

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# Color

**XYZ(65.9976, 61.9875,  
39.0582)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">FEC29A</a>
RGB	<a href="#">254, 194, 154</a>
RGB Percent	<a href="#">100%, 76%, 60%</a>
CMY	<a href="#">0.0039, 0.2392, 0.3961</a>
CMYK	<a href="#">0.00, 0.24, 0.39, 0.00</a>
HSL	<a href="#">24°, 98%, 80%</a>
HSV	<a href="#">24°, 39%, 100%</a>
XYZ	<a href="#">65.9976, 61.9875, 39.0582</a>
YIQ	<a href="#">207.3800, 48.6000, 0.2800</a>

# Conversions

## Conversions Part 2

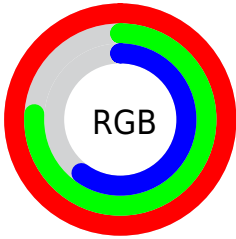
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	254, 221, 154
Decimal	16695962
CIE <sub>Lab</sub>	82.91, 16.44, 28.42
CIE <sub>LCh</sub>	83, 32.832, 59.960
Yxy	61.9875, 0.3951, 0.3711
Android (android.graphics.Color)	4294886042 (0xFFFE <sub>C29A</sub> )
YUV	207.3800, -26.3163, 40.8857
Hunter-Lab	78.7321, 11.8472, 25.6993

# Details

The XYZ color **65.9976, 61.9875, 39.0582** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.2615, 62.1167, 102.8431**, and the grayscale version is **59.6972, 62.8061, 68.3958**.

A 20% lighter version of the original color is **87.2458, 94.8578, 74.0326**, and **34.3319, 31.3375, 17.0712** is the 20% darker color. If you saturate the color by 10%, you get **60.8827, 54.7925, 27.9975**, and if you desaturate by 10%, it is **71.9111, 70.0631, 52.5946**.

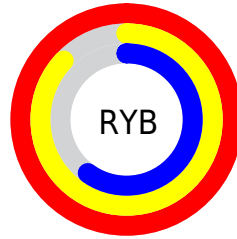
# Distribution



Red (100%)

Green (76%)

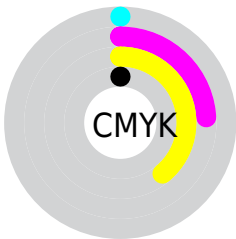
Blue (60%)



Red (100%)

Yellow (87%)

Blue (60%)

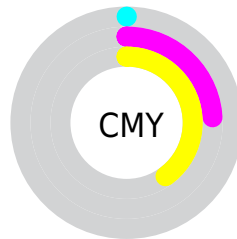


Cyan (0%)

Magenta (24%)

Yellow (39%)

Black (0%)



Cyan (0%)

Magenta (24%)


Yellow (40%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 65.9976, 61.9875, 39.0582 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 65.9976, 61.9875, 39.0582 by changing the saturation by 10% instead.





 65.9976, 61.9875,  
39.0582


 65.9976, 61.9875,  
39.0582


435.8571,  
431.8855, 357.5712

 48.5382, 45.0226,  
26.4968


 112.5406,  
107.7075, 74.9485

 34.4663, 31.4752,  
16.9666


 142.3549,  
137.2313, 99.1146

 23.4166, 20.9610,  
10.0490


177.0182,  
171.7103, 127.9859

 15.0238, 13.0955,  
5.3254

216.8959,  
211.5287, 161.9811

 8.9225, 7.4943,  
2.3774

262.3532,  
257.0711, 201.5187

 4.7474, 3.7731,  
0.7741

313.7556,

 2.1330, 1.5475,

308.7217, 247.0172

0.0000

371.4685,  
366.8651, 298.8952

■ 0.7071, 0.3218,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 65.9976, 61.9875,  
39.0582

■ 65.9976, 61.9875,  
39.0582

■ 60.8827, 54.7925,  
27.9975

■ 71.9111, 70.0631,  
52.5946

■ 56.5227, 48.4369,  
19.2553

■ 78.6544, 79.0407,  
68.7431

■ 52.8767, 42.8892,  
12.6620

■ 86.2628, 88.9522,  
87.6345

■ 49.8966, 38.1117,  
8.0229

94.6706, 99.7859,  
108.8787

■ 47.5274, 34.0629, 94.6831, 99.8108,  
5.1069 108.8828

■ 45.6899, 30.6905,  
3.5617

■ 45.5866, 30.4978,  
3.4840

# Harmonies

## Analogous

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



71.5149, 61.9875, 49.8370



65.9976, 61.9875, 39.0582



58.9267, 61.9875, 35.5335

# Triad

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



65.9976, 61.9875, 39.0582



46.3264, 61.9875, 67.4669



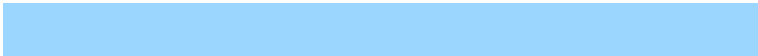
65.9800, 61.9875, 107.2159

# Complementary

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



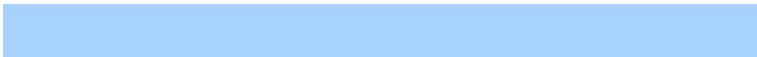
65.9976, 61.9875, 39.0582



55.2615, 62.1167, 102.8431

# 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.



58.9079, 61.9875, 114.4657



65.9976, 61.9875, 39.0582



47.8934, 61.9875, 88.8947

# Square

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



65.9976, 61.9875, 39.0582



47.9016, 61.9875, 49.7988



52.3623, 61.9875, 107.1792



71.5042, 61.9875, 88.9507



# Rectangle

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



65.9976, 61.9875, 39.0582



54.3915, 61.9875, 37.0824



52.3623, 61.9875, 107.1792



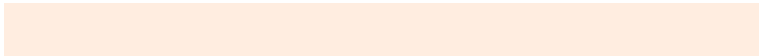
63.6873, 61.9875, 111.1675

# Sweetspot

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



65.9992, 61.9905, 39.0594



84.9294, 87.0246, 83.1269



64.5666, 49.0377, 69.6810



17.9595, 18.3426, 17.2460



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.



65.9992, 61.9905, 39.0594



62.5771, 56.9203, 30.6656



79.0567, 88.1055, 43.4119



18.6057, 19.1796, 18.8657



24.1685, 16.3483, 1.8817



2.4566, 1.7986, 0.2177



# Inverse Universe

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



55.2615, 62.1167, 102.8431



50.3916, 57.0349, 102.9607



44.4919, 40.5774, 99.2532



17.9095, 19.1906, 23.0102



15.5326, 15.9748, 51.6994



1.6193, 1.7694, 5.0694



# Previews

## White Background



This preview shows how the XYZ color 65.9976, 61.9875, 39.0582 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

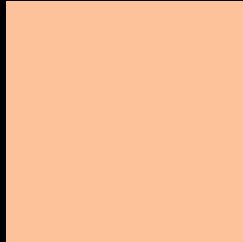
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 65.9976, 61.9875, 39.0582 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

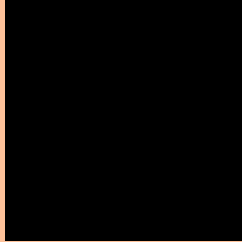
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 65.9976, 61.9875, 39.0582

## Background



This preview shows how black text looks on a background with the XYZ color 65.9976, 61.9875, 39.0582.



This preview shows how white text looks on a background with the XYZ color 65.9976, 61.9875,



# 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

65.9976, 61.9875, 39.0582

### Protanopia

58.2353, 62.0528, 42.1658

### Deuteranopia

63.2521, 61.9212, 38.7552



## Tritanopia

70.0983, 61.9195, 64.1342

# Trichromacy



**Original Color**

65.9976, 61.9875, 39.0582

**Protanomaly**

60.8964, 62.0333, 41.1118

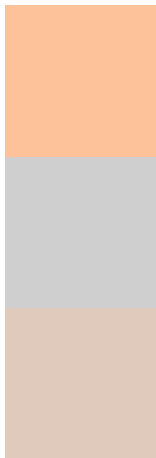
**Deuteranomaly**

64.4274, 62.1889, 38.7450

**Tritanomaly**

68.6278, 62.0244, 54.2538

# Monochromacy



**Original Color**

65.9976, 61.9875, 39.0582

**Achromatopsia**

59.3074, 62.3960, 67.9493

**Achromatomaly**

60.9381, 61.7192, 56.2782

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 65.9976, 61.9875, 39.0582 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(254, 194, 154)` looks like.

```
.text, #text, p{  
    color:rgb(254, 194, 154)  
}
```

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(254, 194, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 194, 154) }
```

## Border

The CSS property to change the border of an element to XYZ 65.9976, 61.9875, 39.0582 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(254, 194, 154) }
```



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

```
.border{ border-color:rgb(254, 194, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 194, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 194, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 194, 154);  
box-shadow:4px 4px 4px 4px rgb(254, 194,  
154) }
```

# Background

The CSS property to change the background color of an element to XYZ 65.9976, 61.9875, 39.0582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 194, 154) }
```

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

```
.background{ background-color: rgb(254,  
194, 154) }
```

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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