

Converting Colors

XYZ(61.1052, 60.9651, 34.8488)

Have a look what the booklet for
XYZ(61.1052, 60.9651, 34.8488)
contains.

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Color

**XYZ(61.1633, 60.9270,
34.9220)**

Conversions

Conversions Part 1

Format	Color
Hex	F0C690
RGB	240, 198, 144
RGB Percent	94%, 78%, 56%
CMY	0.0588, 0.2235, 0.4353
CMYK	0.00, 0.17, 0.40, 0.06
HSL	34°, 76%, 75%
HSV	34°, 40%, 94%
XYZ	61.1633, 60.9270, 34.9220
YIQ	204.4020, 42.3660, -7.8900

Conversions

Conversions Part 2

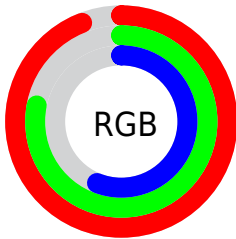
Format	Color
R _Y B	219, 240, 144
Decimal	15779472
CIE Lab	82.34, 7.80, 32.65
CIE LCh	82, 33.567, 76.572
Yxy	60.9270, 0.3895, 0.3880
Android (android.graphics.Color)	4293969552 (0xFFFF0C690)
YUV	204.4020, -29.7782, 31.2194
Hunter-Lab	78.0557, 3.2723, 28.1128

Details

The XYZ color **61.1633, 60.9270, 34.9220** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **44.7881, 47.3368, 89.2144**, and the grayscale version is **57.8140, 60.8249, 66.2383**.

A 20% lighter version of the original color is **87.1930, 96.8572, 67.5258**, and **31.2404, 30.6819, 14.6316** is the 20% darker color. If you saturate the color by 10%, you get **57.2036, 55.6377, 25.4941**, and if you desaturate by 10%, it is **65.6824, 66.7108, 46.4614**.

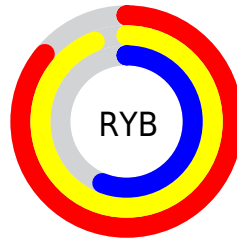
Distribution



Red (94%)

Green (78%)

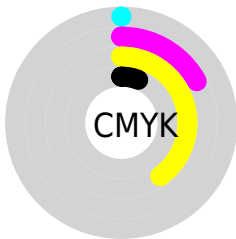
Blue (56%)



Red (86%)

Yellow (94%)

Blue (56%)

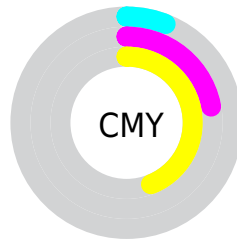


Cyan (0%)

Magenta (17%)

Yellow (40%)

Black (6%)



Cyan (6%)


Magenta (22%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.1633, 60.9270, 34.9220 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 61.1633, 60.9270, 34.9220 by changing the saturation by 10% instead.


 61.1633, 60.9270,
34.9220


 61.1633, 60.9270,
34.9220


418.6389,
428.0063, 339.1177

 44.6100, 44.1663,
23.3197


 105.6121,
106.1732, 68.5151

 31.3503, 30.8012,
14.6223

 134.2384,
135.4275, 91.3430

 21.0189, 20.4475,
8.4110


167.6196,
169.6151, 118.7499

 13.2504, 12.7208,
4.2675

206.1213,
209.1204, 151.1543

 7.6794, 7.2366,
1.7732

250.1087,
254.3277, 188.9747

 3.9405, 3.6105,
0.4102

299.9472,

 1.6685, 1.4581,

305.6216, 232.6298

0.0000

356.0021,
363.3863, 282.5379

■ 0.4365, 0.2590,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.1633, 60.9270,
34.9220

■ 61.1633, 60.9270,
34.9220

■ 57.2036, 55.6377,
25.4941

■ 65.6824, 66.7108,
46.4614

■ 53.7704, 50.8175,
18.0416

■ 70.7822, 72.9959,
60.2293

■ 50.8340, 46.4514,
12.4180

■ 76.4885, 79.8001,
76.3386

■ 48.3591, 42.5194,
8.4548

■ 82.8240, 87.1373,
94.8935

■ 46.3040, 38.9990,
5.9513

■ 88.3262, 94.4273,
108.1788

■ 44.6011, 35.8571,
4.5704

■ 89.7452, 97.2653,
108.6517

■ 44.6010, 35.8568,
4.5703

Harmonies

Analogous

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



67.8910, 60.9270, 41.6422



61.1633, 60.9270, 34.9220



54.0735, 60.9270, 35.2879

Triad

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



61.1633, 60.9270, 34.9220



45.6988, 60.9270, 78.2230



68.4860, 60.9270, 97.2782

Complementary

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



61.1633, 60.9270, 34.9220



44.7881, 47.3368, 89.2144

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.



61.9224, 60.9270, 111.7217



61.1633, 60.9270, 34.9220



48.9573, 60.9270, 99.2639

Square

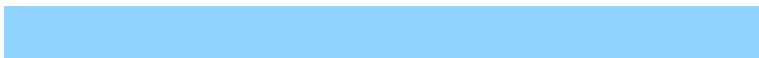
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.1633, 60.9270, 34.9220



45.5322, 60.9270, 57.6034



54.7728, 60.9270, 112.5153



72.3477, 60.9270, 75.9162

Rectangle

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



61.1633, 60.9270, 34.9220



50.0929, 60.9270, 39.4608



54.7728, 60.9270, 112.5153



66.4991, 60.9270, 103.2796

Sweetspot

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



61.1648, 60.9299, 34.9232



86.3863, 89.9384, 83.6126



54.8999, 42.0688, 52.3532



18.3019, 19.0276, 17.3602



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.



61.1648, 60.9299, 34.9232



66.4393, 64.9289, 31.0765



70.5213, 82.0301, 38.5028



16.5106, 17.2343, 16.6061



24.5501, 19.8983, 2.5468



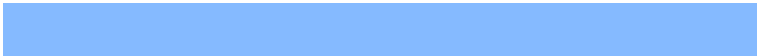
2.1412, 1.8531, 0.2448

Inverse Universe

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



44.7881, 47.3368, 89.2144



45.2490, 47.3523, 101.3628



38.0600, 32.6093, 86.7263



15.4662, 16.3664, 20.0655



11.5016, 9.2275, 46.3028



1.0542, 0.9623, 3.8844

Previews

White Background



This preview shows how the XYZ color 61.1633, 60.9270, 34.9220 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 61.1633, 60.9270, 34.9220 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 61.1633, 60.9270, 34.9220

Background



This preview shows how black text looks on a background with the XYZ color 61.1633, 60.9270, 34.9220.



This preview shows how white text looks on a background with the XYZ color 61.1633, 60.9270,

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

61.1633, 60.9270, 34.9220

Protanopia

56.9166, 61.1414, 36.4054

Deuteranopia

62.0822, 60.7266, 34.8349



Tritanopia

67.4389, 60.8275, 65.9441

Trichromacy



Original Color

61.1633, 60.9270, 34.9220

Protanomaly

58.3037, 60.8104, 35.8588

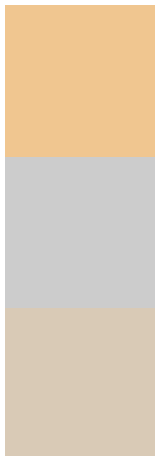
Deuteranomaly

61.9624, 61.0008, 34.8941

Tritanomaly

64.9254, 60.7919, 53.1118

Monochromacy



Original Color

61.1633, 60.9270, 34.9220

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.1793, 60.3702, 52.8422

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1633, 60.9270, 34.9220 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(240, 198, 144)` looks like.

```
.text, #text, p{  
    color:rgb(240, 198, 144)  
}
```

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(240, 198, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 198, 144) }
```

Border

The CSS property to change the border of an element to XYZ 61.1633, 60.9270, 34.9220 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(240, 198, 144) }
```


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

```
.border{ border-color:rgb(240, 198, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 198, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 198, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 198, 144);  
box-shadow:4px 4px 4px 4px rgb(240, 198,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1633, 60.9270, 34.9220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 198, 144) }
```

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

```
.background{ background-color: rgb(240,  
198, 144) }
```

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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