

Converting Colors

XYZ(61.2330, 61.7306, 31.2421)

Have a look what the booklet for
XYZ(61.2330, 61.7306, 31.2421)
contains.

XYZ(61.2330, 61.7306, 31.2421)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.2330, 61.7306,
31.2421)**

Conversions

Conversions Part 1

Format	Color
Hex	F1C886
RGB	241, 200, 134
RGB Percent	95%, 78%, 53%
CMY	0.0549, 0.2157, 0.4745
CMYK	0.00, 0.17, 0.44, 0.05
HSL	37°, 79%, 74%
HSV	37°, 44%, 95%
XYZ	61.2330, 61.7306, 31.2421
YIQ	204.7350, 45.6220, -11.8340

Conversions

Conversions Part 2

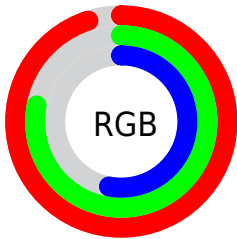
Format	Color
R _Y B	200, 241, 134
Decimal	15845510
CIE Lab	82.77, 6.10, 38.38
CIE LCh	83, 38.862, 80.964
Yxy	61.7306, 0.3971, 0.4003
Android (android.graphics.Color)	4294035590 (0xFFFF1C886)
YUV	204.7350, -34.8724, 31.8044
Hunter-Lab	78.5688, 1.6194, 31.4221

Details

The XYZ color **61.2330, 61.7306, 31.2421** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **41.0381, 42.0775, 89.1778**, and the grayscale version is **58.0555, 61.0789, 66.5150**.

A 20% lighter version of the original color is **86.0771, 96.4108, 61.6494**, and **31.3687, 31.2496, 12.5621** is the 20% darker color. If you saturate the color by 10%, you get **57.6660, 56.9871, 22.6842**, and if you desaturate by 10%, it is **65.3152, 66.8915, 41.8627**.

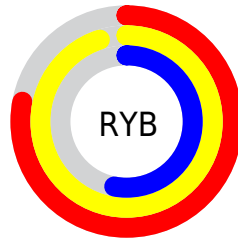
Distribution



Red (95%)

Green (78%)

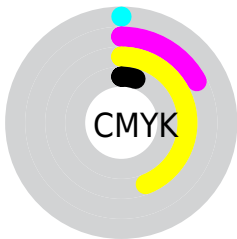
Blue (53%)



Red (78%)

Yellow (95%)

Blue (53%)

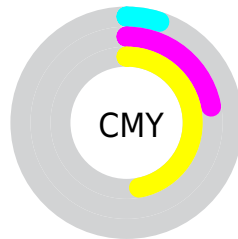


Cyan (0%)

Magenta (17%)

Yellow (44%)

Black (5%)



Cyan (5%)


Magenta (22%)


Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2330, 61.7306, 31.2421 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 61.2330, 61.7306, 31.2421 by changing the saturation by 10% instead.


 61.2330, 61.7306,
31.2421

 61.2330, 61.7306,
31.2421


418.8901,
430.9477, 322.0378


 44.6665, 44.8151,
20.5233


 105.7124,
107.3361, 62.7051

 31.3950, 31.3118,
12.5881


 134.3561,
136.7948, 84.2863

 21.0531, 20.8364,
7.0182


 167.7561,
171.2034, 110.3254

 13.2755, 13.0044,
3.3948

206.2779,
210.9462, 141.2409

 7.6968, 7.4316,
1.2996

250.2869,
256.4076, 177.4513

 3.9517, 3.7335,
0.0615

300.1483,

 1.6749, 1.5256,

307.9721, 219.3753

0.0000

356.2276,
366.0240, 267.4312

■ 0.4405, 0.3067,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.2330, 61.7306,
31.2421

■ 61.2330, 61.7306,
31.2421

■ 57.6660, 56.9871,
22.6842

■ 65.3152, 66.8915,
41.8627

■ 54.5812, 52.6371,
16.0456

■ 69.9342, 72.4749,
54.6686

■ 51.9478, 48.6671,
11.1704

■ 75.1155, 78.4969,
69.7774

■ 49.7292, 45.0585,
7.8764

■ 80.8817, 84.9699,
87.2971

47.8807, 41.7895,
5.9406

87.2538, 91.9054,
107.3286

46.9704, 40.0904,
5.2626

90.0856, 97.4407,
108.6677

Harmonies

Analogous

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



69.3854, 61.7306, 37.4329



61.2330, 61.7306, 31.2421



53.1103, 61.7306, 32.7507

Triad

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



61.2330, 61.7306, 31.2421



44.9119, 61.7306, 85.0581



72.0591, 61.7306, 100.5604

Complementary

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



61.2330, 61.7306, 31.2421



41.0381, 42.0775, 89.1778

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.



64.6114, 61.7306, 119.9912



61.2330, 61.7306, 31.2421



49.1243, 61.7306, 109.6665

Square

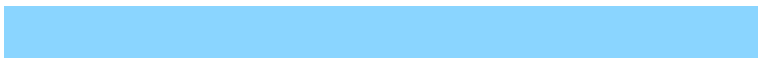
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.2330, 61.7306, 31.2421



44.1927, 61.7306, 60.2428



56.1855, 61.7306, 123.6700



76.0145, 61.7306, 74.7036

Rectangle

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



61.2330, 61.7306, 31.2421



48.7574, 61.7306, 38.1104



56.1855, 61.7306, 123.6700



69.8494, 61.7306, 108.2935

Sweetspot

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



61.2345, 61.7335, 31.2433



86.2460, 90.2085, 81.8682



52.5405, 38.8473, 45.2957



18.1647, 18.9713, 16.6420



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.



61.2345, 61.7335, 31.2433



66.0292, 65.4286, 26.8705



67.9175, 81.2104, 34.6505



16.5848, 17.3826, 16.6308



25.6055, 22.0090, 2.8986



2.2260, 2.0227, 0.2731

Inverse Universe

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



41.0381, 42.0775, 89.1778



40.4570, 40.5665, 100.3055



36.3430, 29.5572, 87.0085



15.3937, 16.2215, 20.0413



10.8214, 7.8671, 46.0760



0.9936, 0.8411, 3.8642

Previews

White Background



This preview shows how the XYZ color 61.2330, 61.7306, 31.2421 looks on a white background.

Color Contrast Check

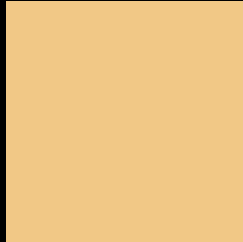
Large Text (above 18pt) WCAG AA × Fail

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 61.2330, 61.7306, 31.2421 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 61.2330, 61.7306, 31.2421

Background



This preview shows how black text looks on a background with the XYZ color 61.2330, 61.7306, 31.2421.



This preview shows how white text looks on a background with the XYZ color 61.2330, 61.7306,

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

61.2330, 61.7306, 31.2421

Protanopia

57.2557, 61.7675, 32.1972

Deuteranopia

63.0508, 61.6382, 31.4959



Tritanopia

68.4828, 61.6743, 66.6874

Trichromacy



Original Color

61.2330, 61.7306, 31.2421

Protanomaly

58.5992, 61.7580, 31.7536

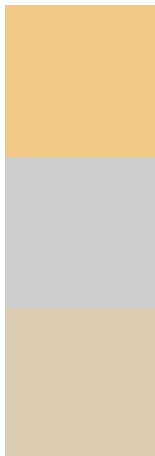
Deuteranomaly

62.2234, 61.5499, 31.5225

Tritanomaly

65.1862, 61.2913, 51.5747

Monochromacy



Original Color

61.2330, 61.7306, 31.2421

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.4061, 60.8720, 51.3190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2330, 61.7306, 31.2421 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(241, 200, 134)` looks like.

```
.text, #text, p{  
    color:rgb(241, 200, 134)  
}
```

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(241, 200, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 200, 134) }
```

Border

The CSS property to change the border of an element to XYZ 61.2330, 61.7306, 31.2421 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(241, 200, 134) }
```


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

```
.border{ border-color:rgb(241, 200, 134) }
```

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

Here you see how a box with a 4 pixel rgb(241, 200, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 200, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 200, 134);  
box-shadow:4px 4px 4px 4px rgb(241, 200,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2330, 61.7306, 31.2421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 200, 134) }
```

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

```
.background{ background-color: rgb(241,  
200, 134) }
```

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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