

Converting Colors

XYZ(61.2128, 61.8785, 47.9755)

Have a look what the booklet for
XYZ(61.2128, 61.8785, 47.9755)
contains.

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Color

**XYZ(61.2001, 62.0426,
47.7796)**

Conversions

Conversions Part 1

Format	Color
Hex	E6CAAC
RGB	230, 202, 172
RGB Percent	90%, 79%, 67%
CMY	0.0980, 0.2078, 0.3255
CMYK	0.00, 0.12, 0.25, 0.10
HSL	31°, 54%, 79%
HSV	31°, 25%, 90%
XYZ	61.2001, 62.0426, 47.7796
YIQ	206.9520, 26.3180, -3.3940

Conversions

Conversions Part 2

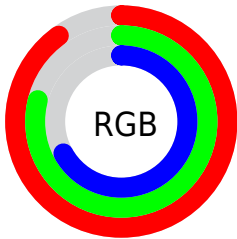
Format	Color
R _Y B	226, 230, 172
Decimal	15125164
CIE Lab	82.94, 5.31, 18.60
CIE LCh	83, 19.341, 74.064
Yxy	62.0426, 0.3578, 0.3628
Android (android.graphics.Color)	4293315244 (0xFFE6CAAC)
YUV	206.9520, -17.2313, 20.2131
Hunter-Lab	78.7671, 0.8476, 19.1721

Details

The XYZ color **61.2001, 62.0426, 47.7796** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **51.9502, 55.7911, 82.8940**, and the grayscale version is **59.3742, 62.4663, 68.0258**.

A 20% lighter version of the original color is **90.8651, 98.3261, 86.8628**, and **31.4356, 31.5345, 22.1992** is the 20% darker color. If you saturate the color by 10%, you get **56.6681, 56.2128, 36.2979**, and if you desaturate by 10%, it is **66.3051, 68.4058, 61.3398**.

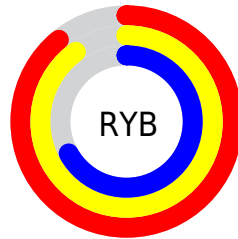
Distribution



Red (90%)

Green (79%)

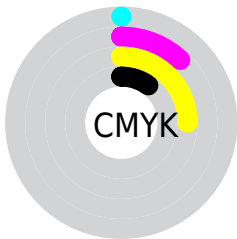
Blue (67%)



Red (89%)

Yellow (90%)

Blue (67%)

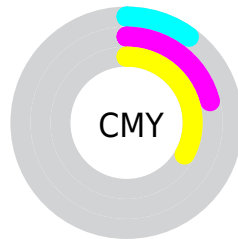


Cyan (0%)

Magenta (12%)

Yellow (25%)

Black (10%)



Cyan (10%)


Magenta (21%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2001, 62.0426, 47.7796 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 61.2001, 62.0426, 47.7796 by changing the saturation by 10% instead.


 61.2001, 62.0426,
47.7796

 61.2001, 62.0426,
47.7796


418.7715,
432.0865, 394.4013

 44.6398, 45.0671,
33.2936


 105.6651,
107.7871, 88.2383

 31.3739, 31.5103,
22.0785


134.3005,
137.3249, 115.0481

 21.0369, 20.9877,
13.7157

167.6917,
171.8189, 146.8029

 13.2636, 13.1150,
7.7867

206.2040,
211.6536, 183.9213

 7.6886, 7.5078,
3.8730

250.2028,
257.2133, 226.8218

 3.9465, 3.7817,
1.5559

300.0534,

 1.6719, 1.5522,

308.8824, 275.9229

0.2591

356.1212,
367.0453, 331.6433

■ 0.4386, 0.3250,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.2001, 62.0426,
47.7796

■ 61.2001, 62.0426,
47.7796

■ 56.6681, 56.2128,
36.2979

■ 66.3051, 68.4058,
61.3398

■ 52.6807, 50.8922,
26.7858

■ 72.0003, 75.3089,
77.0722

■ 49.2139, 46.0670,
19.1304

■ 78.3082, 82.7688,
95.0693

■ 46.2399, 41.7194,
13.2053

■ 83.7647, 90.2058,
107.6043

■ 43.7276, 37.8299,
8.8683

■ 86.4433, 95.5631,
108.4972

■ 41.6413, 34.3771,
5.9542

■ 39.9383, 31.3363,
4.2602

■ 39.2282, 30.0128,
3.7255

Harmonies

Analogous

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



64.9249, 62.0426, 52.7999



61.2001, 62.0426, 47.7796



57.0412, 62.0426, 47.6256

Triad

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



61.2001, 62.0426, 47.7796



51.5240, 62.0426, 73.2932



64.7276, 62.0426, 85.4473

Complementary

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



61.2001, 62.0426, 47.7796



51.9502, 55.7911, 82.8940

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.



60.9410, 62.0426, 92.3853



61.2001, 62.0426, 47.7796



53.3901, 62.0426, 84.8281

Square

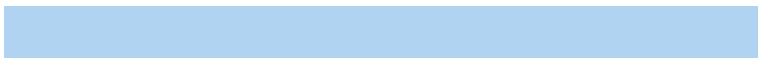
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.2001, 62.0426, 47.7796



51.5860, 62.0426, 61.4392



56.7940, 62.0426, 92.1462



67.0262, 62.0426, 74.0613

Rectangle

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



61.2001, 62.0426, 47.7796



54.5887, 62.0426, 50.2500



56.7940, 62.0426, 92.1462



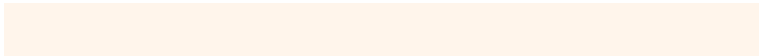
63.5789, 62.0426, 88.4337

Sweetspot

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



61.2017, 62.0454, 47.7809



88.8765, 92.6327, 91.4902



57.8155, 50.5006, 61.3651



18.7867, 19.5415, 18.9261



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.



61.2017, 62.0454, 47.7809



74.4170, 74.6761, 52.8749



68.0675, 76.2362, 50.1581



14.9906, 15.5951, 15.1245



22.3318, 17.2378, 2.1502



1.7432, 1.4597, 0.1899

Inverse Universe

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



51.9502, 55.7911, 82.8940



60.9339, 65.5619, 104.0509



46.2625, 44.0996, 80.9371



14.1541, 15.0295, 18.2993



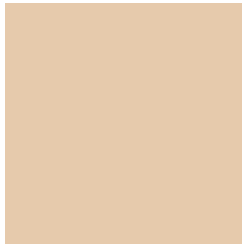
11.4267, 9.9154, 43.6948



0.9370, 0.9180, 3.2598

Previews

White Background



This preview shows how the XYZ color 61.2001, 62.0426, 47.7796 looks on a white background.

Color Contrast Check

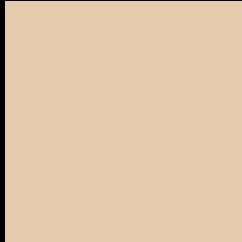
Large Text (above 18pt) WCAG AA × Fail

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 61.2001, 62.0426, 47.7796 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 61.2001, 62.0426, 47.7796

Background



This preview shows how black text looks on a background with the XYZ color 61.2001, 62.0426, 47.7796.



This preview shows how white text looks on a background with the XYZ color 61.2001, 62.0426,

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

61.2001, 62.0426, 47.7796

Protanopia

58.6247, 62.1040, 48.9418

Deuteranopia

63.5629, 62.2147, 48.1937



Tritanopia

65.8845, 61.8955, 70.7619

Trichromacy



Original Color

61.2001, 62.0426, 47.7796

Protanomaly

59.4983, 62.2094, 48.4069

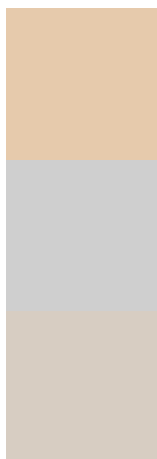
Deuteranomaly

62.7892, 62.1586, 48.2236

Tritanomaly

63.8764, 61.7430, 61.3743

Monochromacy



Original Color

61.2001, 62.0426, 47.7796

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.5933, 62.0048, 59.8661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2001, 62.0426, 47.7796 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(230, 202, 172)` looks like.

```
.text, #text, p{  
    color:rgb(230, 202, 172)  
}
```

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(230, 202, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 202, 172) }
```

Border

The CSS property to change the border of an element to XYZ 61.2001, 62.0426, 47.7796 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(230, 202, 172) }
```


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

```
.border{ border-color:rgb(230, 202, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 202, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 202, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 202, 172);  
box-shadow:4px 4px 4px 4px rgb(230, 202,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2001, 62.0426, 47.7796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 202, 172) }
```

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

```
.background{ background-color: rgb(230,  
202, 172) }
```

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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