

Converting Colors

XYZ(61.0674, 62.7083, 46.4214)

Have a look what the booklet for
XYZ(61.0674, 62.7083, 46.4214)
contains.

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Color

**XYZ(61.0674, 62.7083,
46.4214)**

Conversions

Conversions Part 1

Format	Color
Hex	E5CCA9
RGB	229, 204, 169
RGB Percent	90%, 80%, 66%
CMY	0.1020, 0.2000, 0.3372
CMYK	0.00, 0.11, 0.26, 0.10
HSL	35°, 54%, 78%
HSV	35°, 26%, 90%
XYZ	61.0674, 62.7083, 46.4214
YIQ	207.4850, 26.1350, -5.5850

Conversions

Conversions Part 2

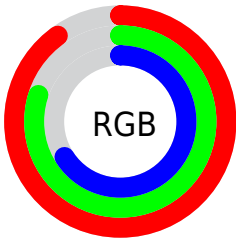
Format	Color
RYB	212, 229, 169
Decimal	15060137
CIELab	83.29, 3.48, 20.66
CIElCh	83, 20.951, 80.444
Yxy	62.7083, 0.3588, 0.3684
Android (android.graphics.Color)	4293250217 (0xFFE5CCA9)
YUV	207.4850, -18.9731, 18.8687
Hunter-Lab	79.1886, -0.9272, 20.6754

Details

The XYZ color **61.0674, 62.7083, 46.4214** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.7964, 52.6743, 81.6717**, and the grayscale version is **59.7293, 62.8398, 68.4326**.

A 20% lighter version of the original color is **90.4545, 98.1618, 84.7007**, and **31.3508, 31.9813, 21.3503** is the 20% darker color. If you saturate the color by 10%, you get **56.9051, 57.5278, 35.3403**, and if you desaturate by 10%, it is **65.7485, 68.3229, 59.5344**.

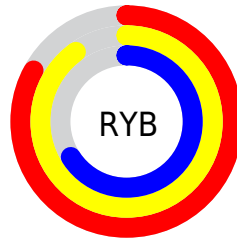
Distribution



Red (90%)

Green (80%)

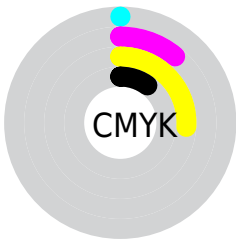
Blue (66%)



Red (83%)

Yellow (90%)

Blue (66%)

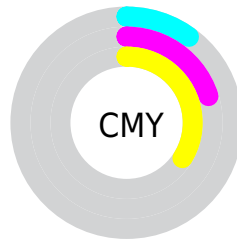


Cyan (0%)

Magenta (11%)

Yellow (26%)

Black (10%)



Cyan (10%)


Magenta (20%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.0674, 62.7083, 46.4214 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 61.0674, 62.7083, 46.4214 by changing the saturation by 10% instead.


 61.0674, 62.7083,
46.4214

 61.0674, 62.7083,
46.4214


418.2931,
434.5101, 388.8269

 44.5323, 45.6053,
32.2274


 105.4741,
108.7486, 86.1902

 31.2889, 31.9344,
21.2690


134.0764,
138.4546, 112.6021

 20.9719, 21.3114,
13.1276


167.4318,
173.1304, 143.9238

 13.2158, 13.3518,
7.3847

205.9057,
213.1604, 180.5737

 7.6553, 7.6713,
3.6218

249.8634,
258.9290, 222.9705

 3.9251, 3.8853,
1.4202

299.6703,

 1.6599, 1.6096,

310.8205, 271.5325

0.1574

355.6917,
369.2194, 326.6785

■ 0.4310, 0.3641,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.0674, 62.7083,
46.4214

■ 61.0674, 62.7083,
46.4214

■ 56.9051, 57.5278,
35.3403

■ 65.7485, 68.3229,
59.5344

■ 53.2345, 52.7601,
26.1831

■ 70.9640, 74.3752,
74.7721

■ 50.0333, 48.3945,
18.8373

■ 76.7350, 80.8795,
92.2263

■ 47.2753, 44.4161,
13.1772

■ 82.1645, 87.4807,
107.1627

■ 44.9309, 40.8090,
9.0609

■ 85.0811, 93.3138,
108.1348

■ 42.9660, 37.5551,
6.3226

■ 86.1232, 95.3981,
108.4822

■ 41.3388, 34.6330,
4.7559

■ 40.7834, 33.5984,
4.3356

Harmonies

Analogous

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



65.3523, 62.7083, 50.7172



61.0674, 62.7083, 46.4214



56.5970, 62.7083, 47.3797

Triad

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



61.0674, 62.7083, 46.4214



51.7709, 62.7083, 77.4144



66.6090, 62.7083, 85.5199

Complementary

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



61.0674, 62.7083, 46.4214



49.7964, 52.6743, 81.6717

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.



62.7123, 62.7083, 94.5650



61.0674, 62.7083, 46.4214



54.2000, 62.7083, 89.4876

Square

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



61.0674, 62.7083, 46.4214



51.3806, 62.7083, 64.2008



58.1609, 62.7083, 96.1028



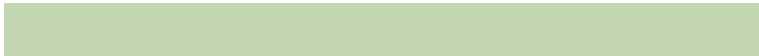
68.6575, 62.7083, 72.5257

Rectangle

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



61.0674, 62.7083, 46.4214



54.1026, 62.7083, 50.9221



58.1609, 62.7083, 96.1028



65.4628, 62.7083, 89.1891

Sweetspot

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



61.0690, 62.7112, 46.4227



89.2862, 93.4522, 91.6268



56.2392, 48.9297, 57.5199



18.8899, 19.7480, 18.9605



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.



61.0690, 62.7112, 46.4227



75.2111, 76.6717, 51.8834



65.9216, 74.7509, 48.4908



15.0721, 15.7580, 15.1517



23.4394, 19.4529, 2.5194



1.8233, 1.6200, 0.2166

Inverse Universe

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



49.7964, 52.6743, 81.6717



58.7145, 61.9870, 103.4778



45.7871, 43.0326, 80.0219



14.0737, 14.8687, 18.2725



10.5591, 8.1804, 43.4056



0.8702, 0.7844, 3.2375

Previews

White Background



This preview shows how the XYZ color 61.0674, 62.7083, 46.4214 looks on a white background.

Color Contrast Check

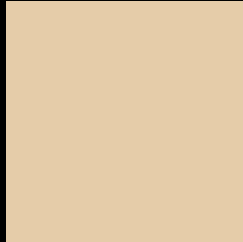
Large Text (above 18pt) WCAG AA × Fail

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 61.0674, 62.7083, 46.4214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

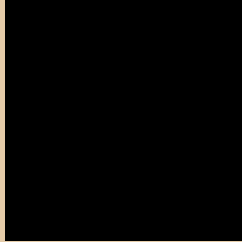
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.0674, 62.7083, 46.4214

Background



This preview shows how black text looks on a background with the XYZ color 61.0674, 62.7083, 46.4214.



This preview shows how white text looks on a background with the XYZ color 61.0674, 62.7083,

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

61.0674, 62.7083, 46.4214

Protanopia

59.1787, 62.7816, 47.5271

Deuteranopia

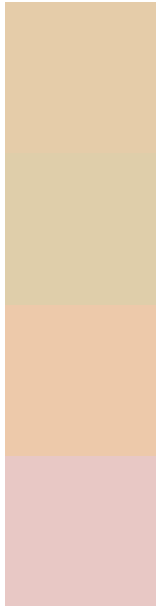
64.1856, 62.9116, 46.7904



Tritanopia

66.1360, 62.6847, 71.5644

Trichromacy



Original Color

61.0674, 62.7083, 46.4214

Protanomaly

59.7584, 62.7329, 46.9893

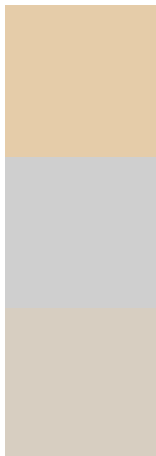
Deuteranomaly

63.0674, 62.6801, 46.8047

Tritanomaly

64.0110, 62.4956, 61.5124

Monochromacy



Original Color

61.0674, 62.7083, 46.4214

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.7213, 62.4399, 59.3565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0674, 62.7083, 46.4214 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(229, 204, 169)` looks like.

```
.text, #text, p{  
    color:rgb(229, 204, 169)  
}
```

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(229, 204, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 204, 169) }
```

Border

The CSS property to change the border of an element to XYZ 61.0674, 62.7083, 46.4214 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(229, 204, 169) }
```


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

```
.border{ border-color:rgb(229, 204, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 204, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 204, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 204, 169);  
box-shadow:4px 4px 4px 4px rgb(229, 204,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0674, 62.7083, 46.4214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 204, 169) }
```

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

```
.background{ background-color: rgb(229,  
204, 169) }
```

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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