

Converting Colors

XYZ(61.5970, 61.3407, 46.0236)

Have a look what the booklet for
XYZ(61.5970, 61.3407, 46.0236)
contains.

XYZ(61.5165, 61.2038, 46.1074)	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(61.5165, 61.2038,
46.1074)**

Conversions

Conversions Part 1

Format	Color
Hex	EAC7A9
RGB	234, 199, 169
RGB Percent	92%, 78%, 66%
CMY	0.0824, 0.2196, 0.3372
CMYK	0.00, 0.15, 0.28, 0.08
HSL	28°, 61%, 79%
HSV	28°, 28%, 92%
XYZ	61.5165, 61.2038, 46.1074
YIQ	206.0450, 30.4900, -1.9100

Conversions

Conversions Part 2

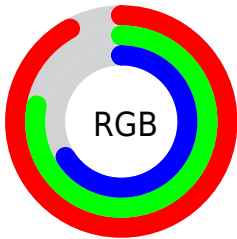
Format	Color
R_{YB}	234, 225, 169
Decimal	15386537
CIE _{Lab}	82.49, 7.98, 19.62
CIE _{LCh}	82, 21.182, 67.858
Yxy	61.2038, 0.3644, 0.3625
Android (android.graphics.Color)	4293576617 (0xFFEAC7A9)
YUV	206.0450, -18.2632, 24.5165
Hunter-Lab	78.2329, 3.4516, 19.8198

Details

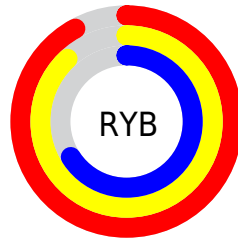
The XYZ color **61.5165, 61.2038, 46.1074** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **52.8058, 57.5596, 86.1690**, and the grayscale version is **58.7959, 61.8579, 67.3632**.

A 20% lighter version of the original color is **90.4545, 98.1618, 84.7007**, and **31.4677, 30.8823, 21.1320** is the 20% darker color. If you saturate the color by 10%, you get **56.7340, 54.8452, 34.6279**, and if you desaturate by 10%, it is **66.9354, 68.2053, 59.7399**.

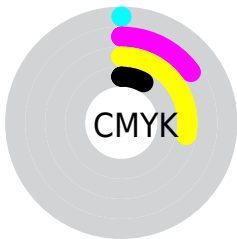
Distribution



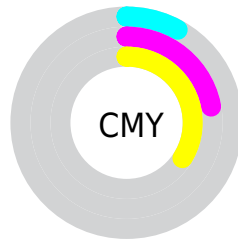
- Red (92%)
- Green (78%)
- Blue (66%)



- Red (92%)
- Yellow (88%)
- Blue (66%)



- Cyan (0%)
- Magenta (15%)
- Yellow (28%)
- Black (8%)





- Cyan (8%)
- Magenta (22%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.5165, 61.2038, 46.1074 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 61.5165, 61.2038, 46.1074 by changing the saturation by 10% instead.

 61.5165, 61.2038,
46.1074

 61.5165, 61.2038,
46.1074


419.9110,
429.0209, 387.5304

 44.8963, 44.3897,
31.9813


 106.1203,
106.5740, 85.7157

 31.5766, 30.9770,
21.0825

134.8346,
135.8988, 112.0350

 21.1923, 20.5813,
12.9925


168.3109,
170.1626, 143.2557

 13.3779, 12.8183,
7.2927

206.9147,
209.7499, 179.7964

 7.7681, 7.3035,
3.5646

251.0112,
255.0449, 222.0758

 3.9975, 3.6527,
1.3897

300.9659,

 1.7007, 1.4812,

306.4322, 270.5121

0.1336

357.1440,
364.2960, 325.5242

■ 0.4567, 0.2755,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.5165, 61.2038,
46.1074

■ 61.5165, 61.2038,
46.1074

■ 56.7340, 54.8452,
34.6279

■ 66.9354, 68.2053,
59.7399

■ 52.5563, 49.1010,
25.1854

■ 73.0109, 75.8602,
75.6259

■ 48.9562, 43.9530,
17.6582

■ 79.7681, 84.1894,
93.8637

■ 45.9018, 39.3785,
11.9104

■ 85.9809, 92.7107,
107.9710

■ 43.3578, 35.3528,
7.7876

■ 87.7418, 96.2325,
108.5580

■ 41.2833, 31.8486,
5.1083

■ 39.6248, 28.8330,
3.6262

■ 39.2961, 28.2212,
3.3761

Harmonies

Analogous

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



65.3219, 61.2038, 52.4775



61.5165, 61.2038, 46.1074



56.9900, 61.2038, 44.8632

Triad

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



61.5165, 61.2038, 46.1074



49.9657, 61.2038, 70.1085



63.6817, 61.2038, 88.3332

Complementary

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



61.5165, 61.2038, 46.1074



52.8058, 57.5596, 86.1690

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.



59.3710, 61.2038, 94.5233



61.5165, 61.2038, 46.1074



51.5646, 61.2038, 83.1469

Square

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



61.5165, 61.2038, 46.1074



50.4738, 61.2038, 57.6761



54.9517, 61.2038, 92.5115



66.6165, 61.2038, 76.4888

Rectangle

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



61.5165, 61.2038, 46.1074



54.1975, 61.2038, 46.9344



54.9517, 61.2038, 92.5115



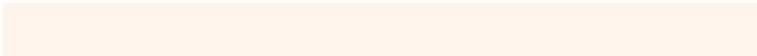
62.3370, 61.2038, 91.2098

Sweetspot

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



61.5181, 61.2066, 46.1087



88.5334, 91.9466, 91.3759



59.1094, 50.2648, 64.1867



18.7004, 19.3689, 18.8973



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.



61.5181, 61.2066, 46.1087



71.5477, 70.1371, 48.2200



69.5994, 77.3692, 48.8024



15.6385, 16.1999, 15.8214



22.2052, 16.1046, 1.9382



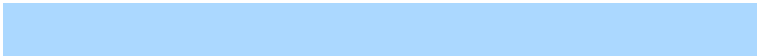
1.8389, 1.4552, 0.1840

Inverse Universe

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



52.8058, 57.5596, 86.1690



59.4076, 65.0525, 104.0330



46.0143, 43.9767, 83.9052



14.9030, 15.8924, 19.2043



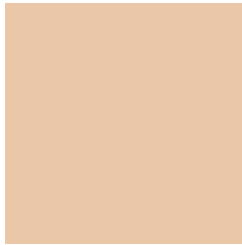
12.6644, 11.9757, 45.3870



1.0906, 1.1326, 3.5960

Previews

White Background



This preview shows how the XYZ color 61.5165, 61.2038, 46.1074 looks on a white background.

Color Contrast Check

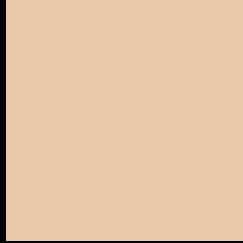
Large Text (above 18pt) WCAG AA × Fail

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 61.5165, 61.2038, 46.1074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

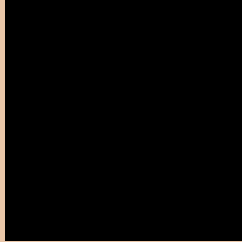
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.5165, 61.2038, 46.1074

Background



This preview shows how black text looks on a background with the XYZ color 61.5165, 61.2038, 46.1074.



This preview shows how white text looks on a background with the XYZ color 61.5165, 61.2038,

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

61.5165, 61.2038, 46.1074

Protanopia

57.8930, 61.3929, 47.8285

Deuteranopia

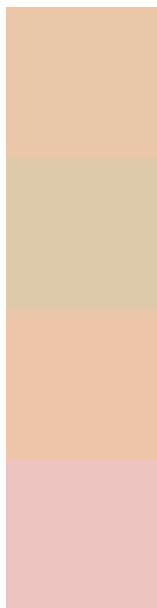
62.3876, 60.9742, 46.0171



Tritanopia

66.0517, 61.0447, 67.9760

Trichromacy



Original Color

61.5165, 61.2038, 46.1074

Protanomaly

59.1380, 61.3401, 47.2510

Deuteranomaly

62.2806, 61.2573, 46.0774

Tritanomaly

64.1778, 60.9298, 59.4170

Monochromacy



Original Color

61.5165, 61.2038, 46.1074

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.3005, 61.1611, 59.1319

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5165, 61.2038, 46.1074 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(234, 199, 169)` looks like.

```
.text, #text, p{  
    color:rgb(234, 199, 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(234, 199, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 199, 169) }
```

Border

The CSS property to change the border of an element to XYZ 61.5165, 61.2038, 46.1074 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(234, 199, 169) }
```


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

```
.border{ border-color:rgb(234, 199, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 199, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 199, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 199, 169);  
box-shadow:4px 4px 4px 4px rgb(234, 199,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5165, 61.2038, 46.1074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 199, 169) }
```

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

```
.background{ background-color: rgb(234,  
199, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor