

Converting Colors

XYZ(60.5951, 61.7636, 46.2640)

Have a look what the booklet for
XYZ(60.5951, 61.7636, 46.2640)
contains.

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Color

**XYZ(60.5951, 61.7636,
46.2640)**

Conversions

Conversions Part 1

Format	Color
Hex	E5CAA9
RGB	229, 202, 169
RGB Percent	90%, 79%, 66%
CMY	0.1020, 0.2078, 0.3372
CMYK	0.00, 0.12, 0.26, 0.10
HSL	33°, 54%, 78%
HSV	33°, 26%, 90%
XYZ	60.5951, 61.7636, 46.2640
YIQ	206.3110, 26.6850, -4.5390

Conversions

Conversions Part 2

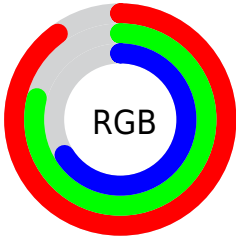
Format	Color
R _Y B	218, 229, 169
Decimal	15059625
CIE Lab	82.79, 4.52, 19.97
CIE LCh	83, 20.472, 77.236
Yxy	61.7636, 0.3594, 0.3663
Android (android.graphics.Color)	4293249705 (0xFFE5CAA9)
YUV	206.3110, -18.3943, 19.8983
Hunter-Lab	78.5898, 0.0966, 20.1102

Details

The XYZ color **60.5951, 61.7636, 46.2640** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.2447, 53.5708, 81.8212**, and the grayscale version is **58.9690, 62.0400, 67.5616**.

A 20% lighter version of the original color is **90.4545, 98.1618, 84.7007**, and **31.0344, 31.3484, 21.2448** is the 20% darker color. If you saturate the color by 10%, you get **56.2938, 56.3052, 35.1366**, and if you desaturate by 10%, it is **65.4376, 67.7011, 59.4308**.

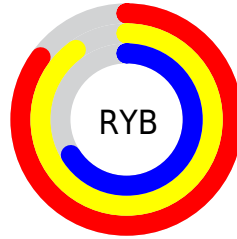
Distribution



Red (90%)

Green (79%)

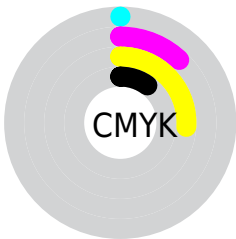
Blue (66%)



Red (85%)

Yellow (90%)

Blue (66%)

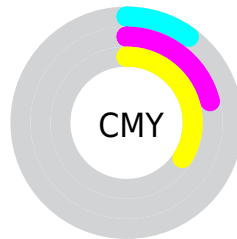


Cyan (0%)

Magenta (12%)

Yellow (26%)

Black (10%)



Cyan (10%)


Magenta (21%)


Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5951, 61.7636, 46.2640 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 60.5951, 61.7636, 46.2640 by changing the saturation by 10% instead.


 60.5951, 61.7636,
46.2640

 60.5951, 61.7636,
46.2640

416.5875,
431.0683, 388.1774

 44.1498, 44.8417,
32.1040


 104.7939,
107.3838, 85.9524

 30.9867, 31.3328,
21.1755


133.2781,
136.8509, 112.3179

 20.7405, 20.8524,
13.0599


166.5059,
171.2685, 143.5890

 13.0458, 13.0161,
7.3386

204.8428,
211.0210, 180.1843

 7.5373, 7.4397,
3.5931

248.6540,
256.4929, 222.5222

 3.8496, 3.7385,
1.4049

298.3050,

 1.6174, 1.5284,

308.0684, 271.0213

0.1455

354.1610,
366.1321, 326.1002

■ 0.4037, 0.3086,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.5951, 61.7636,
46.2640

■ 60.5951, 61.7636,
46.2640

■ 56.2938, 56.3052,
35.1366

■ 65.4376, 67.7011,
59.4308

■ 52.5062, 51.3034,
25.9403

■ 70.8378, 74.1226,
74.7301

■ 49.2091, 46.7460,
18.5625

■ 76.8171, 81.0437,
92.2538

■ 46.3757, 42.6168,
12.8773

■ 82.4794, 88.1104,
107.2676

■ 43.9755, 38.8982,
8.7424

■ 85.6537, 94.4588,
108.3257

■ 41.9738, 35.5707,
5.9918

■ 86.1233, 95.3981,
108.4822

■ 40.3279, 32.6111,
4.4189

■ 39.7700, 31.5715,
3.9978

Harmonies

Analogous

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



64.6432, 61.7636, 50.9720



60.5951, 61.7636, 46.2640



56.2311, 61.7636, 46.6467

Triad

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



60.5951, 61.7636, 46.2640



50.9832, 61.7636, 74.6943



65.1427, 61.7636, 85.0952

Complementary

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



60.5951, 61.7636, 46.2640



50.2447, 53.5708, 81.8212

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.



61.2492, 61.7636, 93.1709



60.5951, 61.7636, 46.2640



53.1410, 61.7636, 86.6700

Square

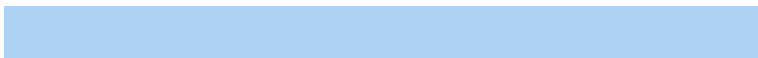
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.5951, 61.7636, 46.2640



50.8277, 61.7636, 62.0335



56.8535, 61.7636, 93.7809



67.3556, 61.7636, 72.7512

Rectangle

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



60.5951, 61.7636, 46.2640



53.7286, 61.7636, 49.7325



56.8535, 61.7636, 93.7809



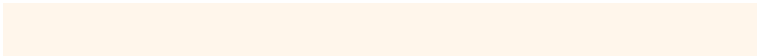
63.9784, 61.7636, 88.4626

Sweetspot

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



60.5967, 61.7664, 46.2653



89.0792, 93.0381, 91.5578



56.4655, 49.0203, 58.7111



18.8377, 19.6436, 18.9431



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.



60.5967, 61.7664, 46.2653



74.5163, 75.2821, 51.6518



66.5453, 75.0725, 48.5201



15.0309, 15.6757, 15.1379



22.8604, 18.2949, 2.3264



1.7818, 1.5369, 0.2027

Inverse Universe

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



50.2447, 53.5708, 81.8212



59.3660, 63.2899, 103.6950



45.3449, 42.8046, 80.0014



14.1141, 14.9496, 18.2860



10.9777, 9.0176, 43.5451



0.9029, 0.8497, 3.2484

Previews

White Background



This preview shows how the XYZ color 60.5951, 61.7636, 46.2640 looks on a white background.

Color Contrast Check

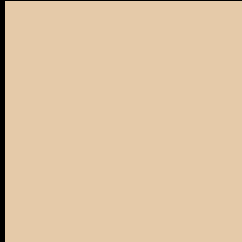
Large Text (above 18pt) WCAG AA × Fail

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 60.5951, 61.7636, 46.2640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

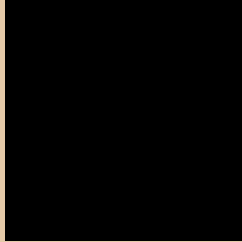
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.5951, 61.7636, 46.2640

Background



This preview shows how black text looks on a background with the XYZ color 60.5951, 61.7636, 46.2640.



This preview shows how white text looks on a background with the XYZ color 60.5951, 61.7636,

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

60.5951, 61.7636, 46.2640

Protanopia

58.3354, 61.9883, 47.4184

Deuteranopia

63.0464, 61.6412, 46.6052



Tritanopia

65.4295, 61.6754, 70.0841

Trichromacy



Original Color

60.5951, 61.7636, 46.2640

Protanomaly

59.2112, 62.0945, 46.8949

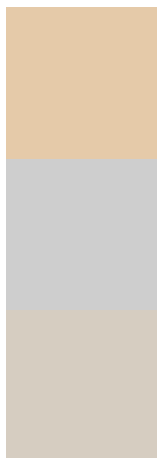
Deuteranomaly

61.9401, 61.4113, 46.6192

Tritanomaly

63.4366, 61.5295, 60.7575

Monochromacy



Original Color

60.5951, 61.7636, 46.2640

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.1885, 61.8090, 59.2628

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5951, 61.7636, 46.2640 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, 202, 169)` looks like.

```
.text, #text, p{  
    color:rgb(229, 202, 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, 202, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 202, 169) }
```

Border

The CSS property to change the border of an element to XYZ 60.5951, 61.7636, 46.2640 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, 202, 169) }
```


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

```
.border{ border-color:rgb(229, 202, 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, 202, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 202, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 202, 169);  
box-shadow:4px 4px 4px 4px rgb(229, 202,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5951, 61.7636, 46.2640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 202, 169) }
```

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

```
.background{ background-color: rgb(229,  
202, 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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