

Converting Colors

XYZ(60.8796, 65.2478, 46.7009)

Have a look what the booklet for
XYZ(60.8796, 65.2478, 46.7009)
contains.

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Color

**XYZ(60.8871, 65.1411,
46.9005)**

Conversions

Conversions Part 1

Format	Color
Hex	DFD3A9
RGB	223, 211, 169
RGB Percent	87%, 83%, 66%
CMY	0.1255, 0.1725, 0.3372
CMYK	0.00, 0.05, 0.24, 0.13
HSL	47°, 46%, 77%
HSV	47°, 24%, 87%
XYZ	60.8871, 65.1411, 46.9005
YIQ	209.8000, 20.6340, -10.5180

Conversions

Conversions Part 2

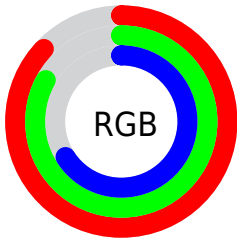
Format	Color
RYB	184, 223, 169
Decimal	14668713
CIELab	84.56, -2.41, 22.33
CIELCh	85, 22.459, 96.163
Yxy	65.1411, 0.3521, 0.3767
Android (android.graphics.Color)	4292858793 (0xFFDFD3A9)
YUV	209.8000, -20.1144, 11.5764
Hunter-Lab	80.7100, -6.5834, 22.0437

Details

The XYZ color **60.8871, 65.1411, 46.9005** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.2050, 46.8092, 76.4120**, and the grayscale version is **61.2471, 64.4367, 70.1715**.

A 20% lighter version of the original color is **90.4545, 98.1618, 84.7007**, and **31.2042, 33.6138, 21.6731** is the 20% darker color. If you saturate the color by 10%, you get **57.7585, 61.9530, 36.3952**, and if you desaturate by 10%, it is **64.4141, 68.5537, 59.3017**.

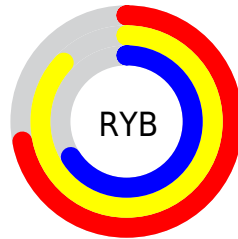
Distribution



Red (87%)

Green (83%)

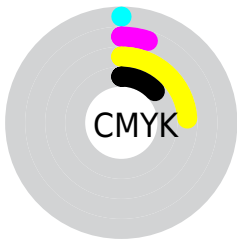
Blue (66%)



Red (72%)

Yellow (87%)

Blue (66%)

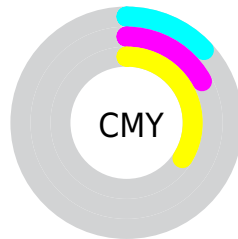


Cyan (0%)

Magenta (5%)

Yellow (24%)

Black (13%)



Cyan (13%)


Magenta (17%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.8871, 65.1411, 46.9005 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 60.8871, 65.1411, 46.9005 by changing the saturation by 10% instead.


 60.8871, 65.1411,
46.9005

 60.8871, 65.1411,
46.9005


417.6425,
443.2988, 390.7995

 44.3863, 47.5755,
32.6032


 105.2145,
112.2527, 86.9135

 31.1735, 33.4908,
21.5540


133.7717,
142.5675, 113.4663

 20.8835, 22.5027,
13.3344


167.0785,
177.9008, 144.9414

 13.1508, 14.2268,
7.5258

205.5001,
218.6370, 181.7572

 7.6102, 8.2785,
3.7097

249.4020,
265.1605, 224.3324

 3.8962, 4.2737,
1.4675

299.1494,

 1.6436, 1.8278,

317.8557, 273.0855

0.1935

355.1078,
377.1070, 328.4350

■ 0.4206, 0.5044,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.8871, 65.1411,
46.9005

■ 60.8871, 65.1411,
46.9005

■ 57.7585, 61.9530,
36.3952

■ 64.4141, 68.5537,
59.3017

■ 55.0048, 58.9728,
27.6861

■ 68.3517, 72.1895,
73.6835

■ 52.6076, 56.1948,
20.6708

■ 72.7175, 76.0584,
90.1303

■ 50.5448, 53.6096,
15.2348

■ 77.0069, 79.9589,
105.9826

■ 48.7918, 51.2068,
11.2491

■ 78.4116, 82.7683,
106.4509

■ 47.3198, 48.9743,
8.5648

■ 79.8559, 85.6568,
106.9323

■ 46.0939, 46.8977,
7.0002

■ 81.3400, 88.6250,
107.4270

■ 45.4645, 45.7541,
6.4352

■ 82.8643, 91.6735,
107.9351

■ 84.2415, 94.4280,
108.3942

Harmonies

Analogous

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



65.8864, 65.1411, 48.5839



60.8871, 65.1411, 46.9005



56.4071, 65.1411, 50.9199

Triad

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



60.8871, 65.1411, 46.9005



54.4648, 65.1411, 88.4680



71.1423, 65.1411, 82.6607

Complementary

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



60.8871, 65.1411, 46.9005



46.2050, 46.8092, 76.4120

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.



67.7695, 65.1411, 95.5901



60.8871, 65.1411, 46.9005



58.1059, 65.1411, 99.2464

Square

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



60.8871, 65.1411, 46.9005



52.8301, 65.1411, 73.9282



62.9537, 65.1411, 102.0139



71.9852, 65.1411, 68.0093

Rectangle

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



60.8871, 65.1411, 46.9005



54.2593, 65.1411, 56.6594



62.9537, 65.1411, 102.0139



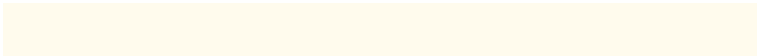
70.2582, 65.1411, 87.4101

Sweetspot

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



60.8888, 65.1440, 46.9019



91.0561, 96.3994, 94.0435



53.0222, 47.4256, 50.3998



19.4189, 20.5686, 19.8689



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.



60.8888, 65.1440, 46.9019



80.3274, 86.0819, 56.1247



59.7310, 69.1373, 47.7337



14.6000, 15.4860, 14.5264



26.8199, 27.0777, 3.8130



1.9234, 2.0057, 0.2858

Inverse Universe

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



46.2050, 46.8092, 76.4120



57.1924, 57.1990, 102.6339



47.1317, 43.8209, 75.7864



13.1977, 13.7346, 17.3431



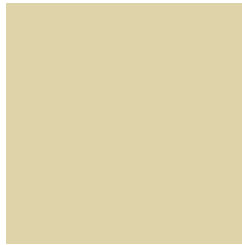
8.5598, 4.5891, 41.4830



0.6598, 0.4511, 2.8975

Previews

White Background



This preview shows how the XYZ color 60.8871, 65.1411, 46.9005 looks on a white background.

Color Contrast Check

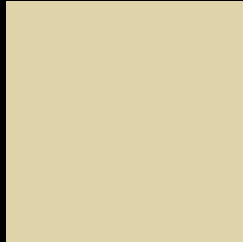
Large Text (above 18pt) WCAG AA × Fail

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 60.8871, 65.1411, 46.9005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

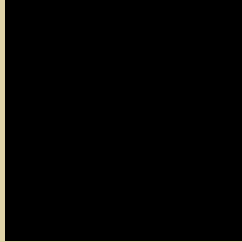
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

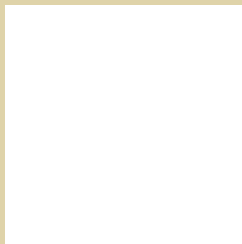
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.8871, 65.1411, 46.9005

Background



This preview shows how black text looks on a background with the XYZ color 60.8871, 65.1411, 46.9005.



This preview shows how white text looks on a background with the XYZ color 60.8871, 65.1411,

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

60.8871, 65.1411, 46.9005

Protanopia

61.1962, 65.3004, 46.9150

Deuteranopia

66.3628, 65.0646, 47.5891



Tritanopia

66.8242, 65.0111, 76.7365

Trichromacy



Original Color

60.8871, 65.1411, 46.9005

Protanomaly

61.1962, 65.3004, 46.9150

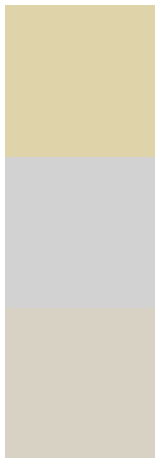
Deuteranomaly

64.2521, 65.0494, 47.1996

Tritanomaly

64.5340, 65.1736, 64.4368

Monochromacy



Original Color

60.8871, 65.1411, 46.9005

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.9213, 64.4804, 60.8648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8871, 65.1411, 46.9005 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(223, 211, 169)` looks like.

```
.text, #text, p{  
    color:rgb(223, 211, 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(223, 211, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 211, 169) }
```

Border

The CSS property to change the border of an element to XYZ 60.8871, 65.1411, 46.9005 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(223, 211, 169) }
```


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

```
.border{ border-color:rgb(223, 211, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 211, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 211, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 211, 169);  
box-shadow:4px 4px 4px 4px rgb(223, 211,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8871, 65.1411, 46.9005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 211, 169) }
```

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

```
.background{ background-color: rgb(223,  
211, 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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