

Converting Colors

XYZ(60.4495, 65.5557, 28.8528)

Have a look what the booklet for
XYZ(60.4495, 65.5557, 28.8528)
contains.

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Color

**XYZ(60.5239, 65.7234,
28.8980)**

Conversions

Conversions Part 1

Format	Color
Hex	E8D47D
RGB	232, 212, 125
RGB Percent	91%, 83%, 49%
CMY	0.0902, 0.1686, 0.5098
CMYK	0.00, 0.09, 0.46, 0.09
HSL	49°, 70%, 70%
HSV	49°, 46%, 91%
XYZ	60.5239, 65.7234, 28.8980
YIQ	208.0620, 39.8470, -22.8170

Conversions

Conversions Part 2

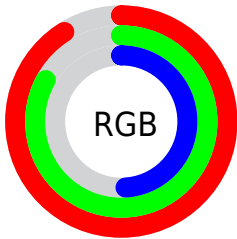
Format	Color
RYB	150, 232, 125
Decimal	15258749
CIELab	84.86, -4.56, 45.36
CIELCh	85, 45.588, 95.738
Yxy	65.7234, 0.3901, 0.4236
Android (android.graphics.Color)	4293448829 (0xFFE8D47D)
YUV	208.0620, -40.9496, 20.9936
Hunter-Lab	81.0700, -8.6108, 35.6146

Details

The XYZ color **60.5239, 65.7234, 28.8980** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **33.1482, 30.4361, 80.4716**, and the grayscale version is **60.2350, 63.3719, 69.0120**.

A 20% lighter version of the original color is **85.1367, 96.0347, 56.6972**, and **30.9184, 33.9468, 11.4014** is the 20% darker color. If you saturate the color by 10%, you get **58.1428, 63.0625, 21.6269**, and if you desaturate by 10%, it is **63.2834, 68.5871, 38.0044**.

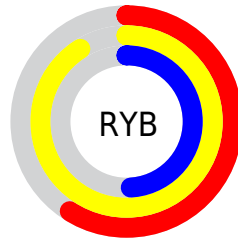
Distribution



Red (91%)

Green (83%)

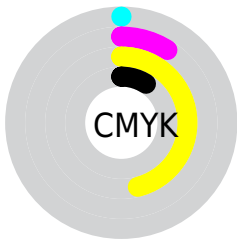
Blue (49%)



Red (59%)

Yellow (91%)

Blue (49%)

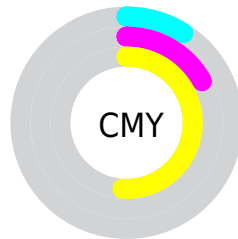


Cyan (0%)

Magenta (9%)

Yellow (46%)

Black (9%)



Cyan (9%)

Magenta (17%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5239, 65.7234, 28.8980 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 60.5239, 65.7234, 28.8980 by changing the saturation by 10% instead.

60.5239, 65.7234,
28.8980

60.5239, 65.7234,
28.8980

416.3300,
445.3870, 310.7792

44.0921, 48.0479,
18.7588

104.6913,
113.0892, 58.9552

30.9412, 33.8648,
11.3210

133.1576,
143.5484, 79.7103

20.7057, 22.7898,
6.1663

166.3662,
179.0375, 104.8411

13.0203, 14.4384,
2.8761

204.6824,
219.9410, 134.7661

7.5196, 8.4262,
1.0317

248.4715,
266.6434, 169.9039

3.8383, 4.3688,
0.0000

298.0989,

1.6111, 1.8820,

319.5289, 210.6730

0.0000

353.9300,
378.9820, 257.4919

■ 0.3996, 0.5375,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.5239, 65.7234,
28.8980

■ 60.5239, 65.7234,
28.8980

■ 58.1428, 63.0625,
21.6269

■ 63.2834, 68.5871,
38.0044

■ 56.1108, 60.5850,
16.0582


■ 66.4389, 71.6537,
49.0584


■ 54.4014, 58.2824,
12.0476


■ 70.0125, 74.9347,
62.1683

■ 52.9823, 56.1414,
9.4249


■ 74.0232, 78.4383,
77.4330


 51.8129, 54.1454,
7.9788


 78.4887, 82.1717,
94.9450

 51.4005, 53.3994,
7.5980

 81.9083, 85.5351,
106.8006

 83.1859, 88.0903,
107.2265

 84.4941, 90.7067,
107.6626

 85.8332, 93.3847,
108.1089

Harmonies

Analogous

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



70.8967, 65.7234, 31.5364



60.5239, 65.7234, 28.8980



51.6782, 65.7234, 34.9085

Triad

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



60.5239, 65.7234, 28.8980



47.8354, 65.7234, 109.7263



82.1525, 65.7234, 97.2705

Complementary

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



60.5239, 65.7234, 28.8980



33.1482, 30.4361, 80.4716

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.



74.6642, 65.7234, 127.6587



60.5239, 65.7234, 28.8980



54.7355, 65.7234, 136.1154

Square

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



60.5239, 65.7234, 28.8980



44.8833, 65.7234, 77.3373



64.4535, 65.7234, 143.4420



84.1336, 65.7234, 66.0809

Rectangle

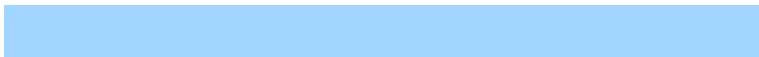
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.5239, 65.7234, 28.8980



47.5929, 65.7234, 44.3216



64.4535, 65.7234, 143.4420



80.1588, 65.7234, 108.1554

Sweetspot

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



60.5255, 65.7265, 28.8993



87.7343, 93.7275, 80.6922



45.8323, 33.9115, 31.4884



18.5584, 19.8652, 16.4442



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.



60.5255, 65.7265, 28.8993



72.2820, 78.4157, 27.4704



56.3514, 71.4596, 30.2260



15.3606, 16.3352, 15.2479



28.6226, 29.8193, 4.2471



2.1745, 2.3224, 0.3337

Inverse Universe

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



33.1482, 30.4361, 80.4716



34.6061, 29.8852, 98.5522



35.8239, 27.6724, 79.7971



13.7996, 14.3207, 18.1812



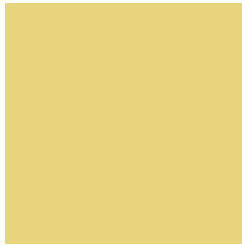
8.6400, 4.3420, 42.7659



0.7010, 0.4459, 3.1811

Previews

White Background



This preview shows how the XYZ color 60.5239, 65.7234, 28.8980 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 60.5239, 65.7234, 28.8980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

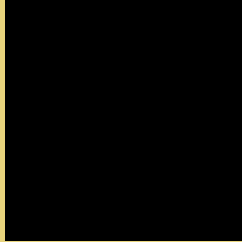
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.5239, 65.7234, 28.8980

Background



This preview shows how black text looks on a background with the XYZ color 60.5239, 65.7234, 28.8980.



This preview shows how white text looks on a background with the XYZ color 60.5239, 65.7234,

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

60.5239, 65.7234, 28.8980

Protanopia

60.5239, 65.7234, 28.8980

Deuteranopia

66.8296, 65.6653, 31.3427



Tritanopia

69.6867, 65.4838, 74.6124

Trichromacy



Original Color

60.5239, 65.7234, 28.8980

Protanomaly

60.5239, 65.7234, 28.8980

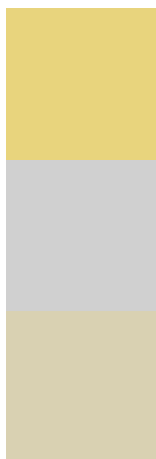
Deuteranomaly

64.4583, 65.5285, 30.3700

Tritanomaly

65.7429, 65.3005, 54.4866

Monochromacy



Original Color

60.5239, 65.7234, 28.8980

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.4516, 63.5670, 51.2557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5239, 65.7234, 28.8980 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(232, 212, 125)` looks like.

```
.text, #text, p{  
    color:rgb(232, 212, 125)  
}
```

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(232, 212, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 212, 125) }
```

Border

The CSS property to change the border of an element to XYZ 60.5239, 65.7234, 28.8980 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(232, 212, 125) }
```


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

```
.border{ border-color:rgb(232, 212, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 212, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 212, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 212, 125);  
box-shadow:4px 4px 4px 4px rgb(232, 212,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5239, 65.7234, 28.8980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 212, 125) }
```

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

```
.background{ background-color: rgb(232,  
212, 125) }
```

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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