

Converting Colors

XYZ(60.8960, 67.0089, 30.4933)

Have a look what the booklet for
XYZ(60.8960, 67.0089, 30.4933)
contains.

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Color

**XYZ(60.8960, 67.0089,
30.4933)**

Conversions

Conversions Part 1

Format	Color
Hex	E6D781
RGB	230, 215, 129
RGB Percent	90%, 84%, 51%
CMY	0.0980, 0.1568, 0.4941
CMYK	0.00, 0.07, 0.44, 0.10
HSL	51°, 67%, 70%
HSV	51°, 44%, 90%
XYZ	60.8960, 67.0089, 30.4933
YIQ	209.6810, 36.5460, -23.5660

Conversions

Conversions Part 2

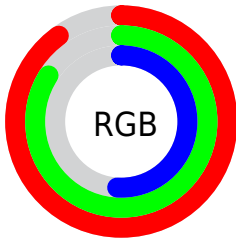
Format	Color
RYB	147, 230, 129
Decimal	15128449
CIELab	85.51, -6.49, 44.16
CIELCh	86, 44.638, 98.365
Yxy	67.0089, 0.3844, 0.4230
Android (android.graphics.Color)	4293318529 (0xFFE6D781)
YUV	209.6810, -39.7757, 17.8198
Hunter-Lab	81.8590, -10.4646, 35.2151

Details

The XYZ color **60.8960, 67.0089, 30.4933** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **33.3092, 30.3258, 78.9605**, and the grayscale version is **61.2865, 64.4782, 70.2168**.

A 20% lighter version of the original color is **85.5472, 96.1989, 58.8592**, and **31.1795, 34.5759, 12.2382** is the 20% darker color. If you saturate the color by 10%, you get **58.6762, 64.7467, 23.0411**, and if you desaturate by 10%, it is **63.4813, 69.4513, 39.7664**.

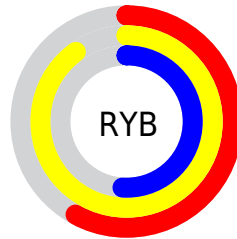
Distribution



Red (90%)

Green (84%)

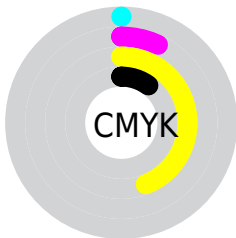
Blue (51%)



Red (58%)

Yellow (90%)

Blue (51%)

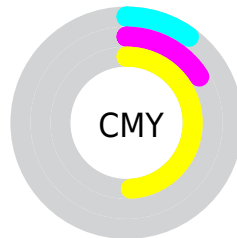


Cyan (0%)

Magenta (7%)

Yellow (44%)

Black (10%)



Cyan (10%)

Magenta (16%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8960, 67.0089, 30.4933 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 60.8960, 67.0089, 30.4933 by changing the saturation by 10% instead.

60.8960, 67.0089,
30.4933

60.8960, 67.0089,
30.4933

417.6746,
449.9765, 318.4757

44.3935, 49.0919,
19.9581

105.2273,
114.9332, 61.5116

31.1792, 34.6924,
12.1808

133.7868,
145.7092, 82.8318

20.8878, 23.4260,
6.7429

167.0960,
181.5403, 108.5841

13.1540, 14.9084,
3.2258

205.5202,
222.8109, 139.1870

7.6124, 8.7551,
1.2111

249.4248,
269.9055, 175.0591

3.8977, 4.5818,
0.0000

299.1751,

1.6444, 2.0040,

323.2083, 216.6189

0.0000

355.1366,
383.1038, 264.2849

■ 0.4211, 0.6098,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.8960, 67.0089,
30.4933

■ 60.8960, 67.0089,
30.4933

■ 58.6762, 64.7467,
23.0411

■ 63.4813, 69.4513,
39.7664

■ 56.7936, 62.6457,
17.2826


■ 66.4486, 72.0732,
50.9679


■ 55.2233, 60.6985,
13.0807


■ 69.8191, 74.8857,
64.2020


■ 53.9349, 58.8924,
10.2752

■ 73.6109, 77.8964,
79.5640


 52.8913, 57.2126,
8.6710


 77.8412, 81.1121,
97.1433

 52.3403, 56.2375,
8.0963

 80.5327, 83.7422,
106.5271

 81.5224, 85.7217,
106.8570

 82.5310, 87.7389,
107.1932

 83.5586, 89.7941,
107.5357

Harmonies

Analogous

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



71.1507, 67.0089, 32.3982



60.8960, 67.0089, 30.4933



52.3411, 67.0089, 37.3589

Triad

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



60.8960, 67.0089, 30.4933



49.5958, 67.0089, 113.3861



83.5826, 67.0089, 95.5406

Complementary

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



60.8960, 67.0089, 30.4933



33.3092, 30.3258, 78.9605

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.



76.5711, 67.0089, 126.0711



60.8960, 67.0089, 30.4933



56.7699, 67.0089, 138.1312

Square

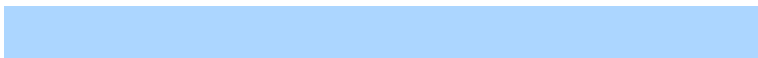
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.8960, 67.0089, 30.4933



46.2852, 67.0089, 81.3880



66.5681, 67.0089, 143.3044



84.9879, 67.0089, 65.1373

Rectangle

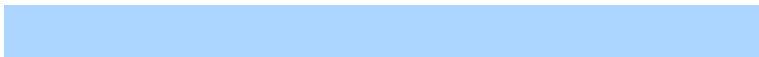
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.8960, 67.0089, 30.4933



48.4932, 67.0089, 47.4221



66.5681, 67.0089, 143.3044



81.7700, 67.0089, 106.3349

Sweetspot

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



60.8976, 67.0120, 30.4947



88.6148, 94.9460, 82.6578



45.5293, 34.5424, 30.7142



18.7531, 20.1479, 16.8381



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.



60.8976, 67.0120, 30.4947



74.3112, 81.9926, 29.6312



54.6748, 69.7341, 31.3481



15.4097, 16.4333, 15.2642



29.7034, 31.9810, 4.6074



2.2448, 2.4629, 0.3571

Inverse Universe

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



33.3092, 30.3258, 78.9605



35.1404, 29.9333, 98.5333



37.5159, 29.3443, 78.5494



13.7546, 14.2307, 18.1662



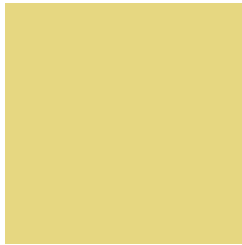
8.4667, 3.9956, 42.7081



0.6797, 0.4034, 3.1740

Previews

White Background



This preview shows how the XYZ color 60.8960, 67.0089, 30.4933 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 60.8960, 67.0089, 30.4933 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 60.8960, 67.0089, 30.4933

Background



This preview shows how black text looks on a background with the XYZ color 60.8960, 67.0089, 30.4933.



This preview shows how white text looks on a background with the XYZ color 60.8960, 67.0089,

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

60.8960, 67.0089, 30.4933

Protanopia

61.9407, 67.1705, 30.4695

Deuteranopia

67.8790, 66.8457, 34.5242



Tritanopia

70.4463, 66.8783, 76.9060

Trichromacy



Original Color

60.8960, 67.0089, 30.4933

Protanomaly

61.6133, 67.0018, 30.4541

Deuteranomaly

65.3219, 66.9999, 33.1564

Tritanomaly

66.1176, 66.5325, 56.3710

Monochromacy



Original Color

60.8960, 67.0089, 30.4933

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

60.4992, 65.1749, 53.1074

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8960, 67.0089, 30.4933 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(230, 215, 129)` looks like.

```
.text, #text, p{  
    color:rgb(230, 215, 129)  
}
```

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(230, 215, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 215, 129) }
```

Border

The CSS property to change the border of an element to XYZ 60.8960, 67.0089, 30.4933 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(230, 215, 129) }
```


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

```
.border{ border-color:rgb(230, 215, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 215, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 215, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 215, 129);  
box-shadow:4px 4px 4px 4px rgb(230, 215,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8960, 67.0089, 30.4933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 215, 129) }
```

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

```
.background{ background-color: rgb(230,  
215, 129) }
```

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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