

Converting Colors

XYZ(60.7004, 67.8728, 38.7560)

Have a look what the booklet for
XYZ(60.7004, 67.8728, 38.7560)
contains.

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Color

**XYZ(60.7006, 67.8744,
38.7560)**

Conversions

Conversions Part 1

Format	Color
Hex	DEDA96
RGB	222, 218, 150
RGB Percent	87%, 85%, 59%
CMY	0.1294, 0.1451, 0.4118
CMYK	0.00, 0.02, 0.32, 0.13
HSL	57°, 52%, 73%
HSV	57°, 32%, 87%
XYZ	60.7006, 67.8744, 38.7560
YIQ	211.4440, 24.2120, -20.3000

Conversions

Conversions Part 2

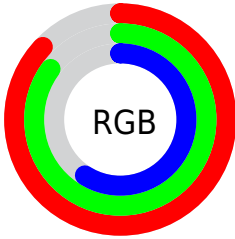
Format	Color
RYB	154, 222, 150
Decimal	14604950
CIELab	85.94, -8.83, 34.03
CIELCh	86, 35.153, 104.550
Yxy	67.8744, 0.3628, 0.4056
Android (android.graphics.Color)	4292795030 (0xFFDEDA96)
YUV	211.4440, -30.2919, 9.2576
Hunter-Lab	82.3859, -12.6595, 29.7789

Details

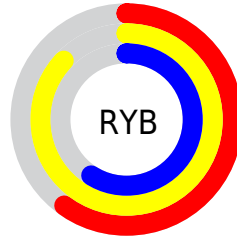
The XYZ color **60.7006, 67.8744, 38.7560** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.3179, 34.8682, 73.8706**, and the grayscale version is **62.3951, 65.6445, 71.4868**.

A 20% lighter version of the original color is **88.0194, 97.1878, 71.8776**, and **31.0277, 35.1832, 16.7110** is the 20% darker color. If you saturate the color by 10%, you get **58.7622, 66.5923, 30.1104**, and if you desaturate by 10%, it is **62.9835, 69.3029, 49.1889**.

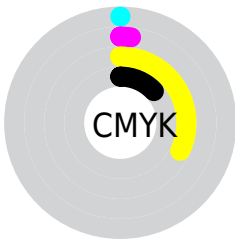
Distribution



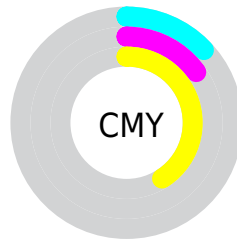
- Red (87%)
- Green (85%)
- Blue (59%)



- Red (60%)
- Yellow (87%)
- Blue (59%)



- Cyan (0%)
- Magenta (2%)
- Yellow (32%)
- Black (13%)





- Cyan (13%)
- Magenta (15%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.7006, 67.8744, 38.7560 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 60.7006, 67.8744, 38.7560 by changing the saturation by 10% instead.


 60.7006, 67.8744,
38.7560

 60.7006, 67.8744,
38.7560


416.9688,
453.0509, 356.2469

 44.2352, 49.7956,
26.2636


 104.9459,
116.1724, 74.4817

 31.0542, 35.2510,
16.7934

 133.4565,
147.1604, 98.5520

 20.7921, 23.8563,
9.9269


166.7129,
183.2203, 127.3187

 13.0837, 15.2270,
5.2456

205.0804,
224.7363, 161.2003

 7.5636, 8.9789,
2.3308

248.9244,
272.0930, 200.6154

 3.8665, 4.7274,
0.7484

298.6102,

 1.6269, 2.0882,

325.6748, 245.9825

0.0000

354.5032,
385.8659, 297.7202

■ 0.4098, 0.6580,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.7006, 67.8744,
38.7560

■ 60.7006, 67.8744,
38.7560

■ 58.7622, 66.5923,
30.1104

■ 62.9835, 69.3029,
49.1889

■ 57.1439, 65.4396,
23.1468

■ 65.6235, 70.8757,
61.4978

■ 55.8265, 64.4110,
17.7555

■ 68.6387, 72.6023,
75.7707

■ 54.7862, 63.4971,
13.8121

■ 72.0446, 74.4890,
92.0889

■ 53.9959, 62.6870,
11.1736

■ 74.8739, 76.1490,
105.3597

■ 53.4229, 61.9675,
9.6675

■ 75.2064, 76.8141,
105.4705

■ 53.0929, 61.4669,
9.0660

■ 75.5414, 77.4839,
105.5822

■ 75.8787, 78.1586,
105.6946

■ 76.2185, 78.8382,
105.8079

Harmonies

Analogous

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



68.7259, 67.8744, 38.8735



60.7006, 67.8744, 38.7560



54.2490, 67.8744, 46.5934

Triad

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



60.7006, 67.8744, 38.7560



54.0958, 67.8744, 109.5797



80.6164, 67.8744, 86.3573

Complementary

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



60.7006, 67.8744, 38.7560



37.3179, 34.8682, 73.8706

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.



75.9954, 67.8744, 110.2219



60.7006, 67.8744, 38.7560



60.4751, 67.8744, 125.4121

Square

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



60.7006, 67.8744, 38.7560



50.6566, 67.8744, 85.6124



68.4809, 67.8744, 125.6690



80.6896, 67.8744, 63.3144

Rectangle

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



60.7006, 67.8744, 38.7560



51.5176, 67.8744, 56.4393



68.4809, 67.8744, 125.6690



79.5274, 67.8744, 94.6436

Sweetspot

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



60.7023, 67.8775, 38.7574



90.7631, 97.5658, 88.5437



46.9307, 39.7029, 36.1132



19.3072, 20.8136, 18.3875



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.



60.7023, 67.8775, 38.7574



81.2278, 91.6953, 44.6709



53.0623, 65.4952, 38.7003



14.8032, 15.8924, 14.5941



31.5637, 36.5654, 5.3942



2.2080, 2.5748, 0.3806

Inverse Universe

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



37.3179, 34.8682, 73.8706



44.4300, 39.7564, 99.9398



43.1948, 36.9354, 73.9599



13.0128, 13.3646, 17.2815



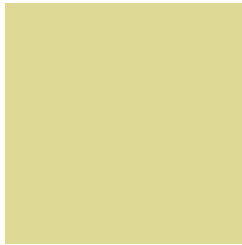
7.9375, 3.3445, 41.2756



0.5720, 0.2755, 2.8683

Previews

White Background



This preview shows how the XYZ color 60.7006, 67.8744, 38.7560 looks on a white background.

Color Contrast Check

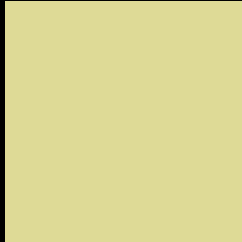
Large Text (above 18pt) WCAG AA × Fail

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 60.7006, 67.8744, 38.7560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

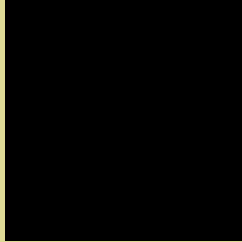
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

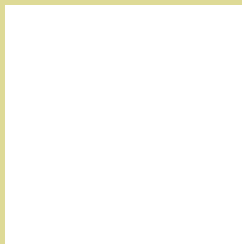
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.7006, 67.8744, 38.7560

Background



This preview shows how black text looks on a background with the XYZ color 60.7006, 67.8744, 38.7560.



This preview shows how white text looks on a background with the XYZ color 60.7006, 67.8744,

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

60.7006, 67.8744, 38.7560

Protanopia

63.0040, 67.9266, 38.2243

Deuteranopia

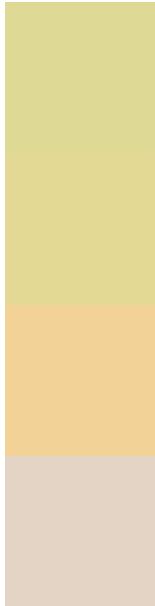
69.0611, 67.7025, 39.5650



Tritanopia

69.1015, 67.5369, 80.6281

Trichromacy



Original Color

60.7006, 67.8744, 38.7560

Protanomaly

61.9756, 67.7756, 38.2493

Deuteranomaly

65.6762, 67.4149, 39.2566

Tritanomaly

65.7314, 67.6582, 63.0210

Monochromacy



Original Color

60.7006, 67.8744, 38.7560

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.2562, 66.2143, 57.6962

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7006, 67.8744, 38.7560 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(222, 218, 150)` looks like.

```
.text, #text, p{  
    color:rgb(222, 218, 150)  
}
```

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(222, 218, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 218, 150) }
```

Border

The CSS property to change the border of an element to XYZ 60.7006, 67.8744, 38.7560 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(222, 218, 150) }
```


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

```
.border{ border-color:rgb(222, 218, 150) }
```

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

Here you see how a box with a 4 pixel rgb(222, 218, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 218, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 218, 150);  
box-shadow:4px 4px 4px 4px rgb(222, 218,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7006, 67.8744, 38.7560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 218, 150) }
```

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

```
.background{ background-color: rgb(222,  
218, 150) }
```

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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