

Converting Colors

XYZ(60.1244, 67.3918, 40.5408)

Have a look what the booklet for
XYZ(60.1244, 67.3918, 40.5408)
contains.

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Color

**XYZ(60.1176, 67.5360,
40.4391)**

Conversions

Conversions Part 1

Format	Color
Hex	DBDA9A
RGB	219, 218, 154
RGB Percent	86%, 85%, 60%
CMY	0.1412, 0.1451, 0.3961
CMYK	0.00, 0.00, 0.30, 0.14
HSL	59°, 47%, 73%
HSV	59°, 30%, 86%
XYZ	60.1176, 67.5360, 40.4391
YIQ	211.0030, 21.1400, -19.6920

Conversions

Conversions Part 2

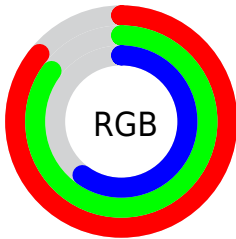
Format	Color
RYB	155, 219, 154
Decimal	14408346
CIELab	85.77, -9.48, 31.71
CIELCh	86, 33.098, 106.649
Yxy	67.5360, 0.3576, 0.4018
Android (android.graphics.Color)	4292598426 (0xFFDBDA9A)
YUV	211.0030, -28.1025, 7.0134
Hunter-Lab	82.1803, -13.2369, 28.3509

Details

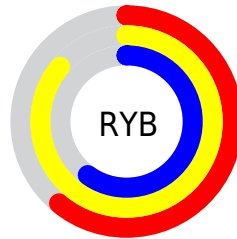
The XYZ color **60.1176, 67.5360, 40.4391** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.8339, 35.4264, 71.8620**, and the grayscale version is **62.0904, 65.3239, 71.1377**.

A 20% lighter version of the original color is **88.5086, 97.3834, 74.4536**, and **30.5997, 34.9402, 17.7017** is the 20% darker color. If you saturate the color by 10%, you get **58.3714, 66.7010, 31.6645**, and if you desaturate by 10%, it is **62.2002, 68.5106, 50.9692**.

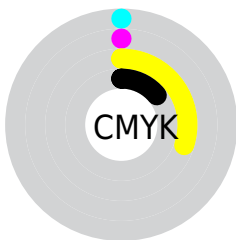
Distribution



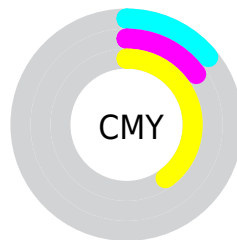
- Red (86%)
- Green (85%)
- Blue (60%)



- Red (61%)
- Yellow (86%)
- Blue (60%)



- Cyan (0%)
- Magenta (0%)
- Yellow (30%)
- Black (14%)



- Cyan (14%)
- Magenta (15%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1176, 67.5360, 40.4391 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 60.1176, 67.5360, 40.4391 by changing the saturation by 10% instead.

60.1176, 67.5360,
40.4391

60.1176, 67.5360,
40.4391

414.8589,
451.8503, 363.5778

43.7633, 49.5203,
27.5647

104.1056,
115.6881, 77.0761

30.6815, 35.0324,
17.7616

132.4700,
146.5934, 101.6757

20.5071, 23.6879,
10.6113

165.5684,
182.5639, 131.0209

12.8746, 15.1022,
5.6952

203.7663,
223.9842, 165.5300

7.4187, 8.8912,
2.5949

247.4289,
271.2386, 205.6218

3.7739, 4.6703,
0.8898

296.9216,

1.5750, 2.0551,

324.7114, 251.7146

0.0000

352.6099,
384.7872, 304.2271

■ 0.3761, 0.6392,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.1176, 67.5360,
40.4391

■ 60.1176, 67.5360,
40.4391

■ 58.3714, 66.7010,
31.6645

■ 62.2002, 68.5106,
50.9692

■ 56.9384, 65.9891,
24.5458


■ 64.6308, 69.6223,
63.3386


■ 55.8004, 65.3956,
18.9799

■ 67.4268, 70.8805,
77.6311


■ 54.9354, 64.9115,
14.8504


■ 70.6028, 72.2909,
93.9240


 54.3181, 64.5268,
12.0247


 72.7732, 73.2994,
104.9204


 53.9188, 64.2295,
10.3456


 72.8610, 73.4752,
104.9497

 53.6861, 63.9992,
9.5437

 72.9491, 73.6513,
104.9790

 53.6796, 63.9922,
9.5225

 73.0373, 73.8277,
105.0084

 73.1257, 74.0046,
105.0379

Harmonies

Analogous

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



67.6049, 67.5360, 40.0246



60.1176, 67.5360, 40.4391



54.1949, 67.5360, 48.5095

Triad

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



60.1176, 67.5360, 40.4391



54.7246, 67.5360, 108.1327



79.3907, 67.5360, 83.5687

Complementary

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



60.1176, 67.5360, 40.4391



37.8339, 35.4264, 71.8620

Split Complementary

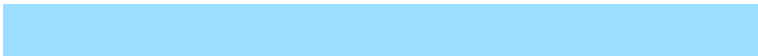
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.3463, 67.5360, 105.9582



60.1176, 67.5360, 40.4391



60.8939, 67.5360, 121.9062

Square

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



60.1176, 67.5360, 40.4391



51.2527, 67.5360, 86.1127



68.4442, 67.5360, 121.0403



79.1417, 67.5360, 62.2463

Rectangle

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



60.1176, 67.5360, 40.4391



51.7543, 67.5360, 58.2443



68.4442, 67.5360, 121.0403



78.4755, 67.5360, 91.2923

Sweetspot

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



60.1193, 67.5390, 40.4405



91.4607, 98.3852, 90.5509



46.6931, 40.5415, 36.4123



19.4608, 21.0061, 18.7922



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.



60.1193, 67.5390, 40.4405



83.1823, 94.5385, 48.6079



51.8014, 63.6351, 40.1254



14.1443, 15.2279, 13.9194



31.8372, 37.9600, 5.6490



2.0682, 2.4704, 0.3678

Inverse Universe

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



37.8339, 35.4264, 71.8620



46.5792, 41.7956, 100.2201



44.4508, 38.5928, 72.1244



12.3546, 12.6489, 16.4425



7.6104, 3.0902, 39.9338



0.4988, 0.2117, 2.5890

Previews

White Background



This preview shows how the XYZ color 60.1176, 67.5360, 40.4391 looks on a white background.

Color Contrast Check

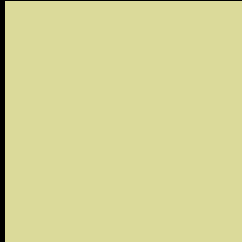
Large Text (above 18pt) WCAG AA × Fail

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 60.1176, 67.5360, 40.4391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

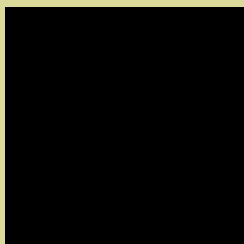
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

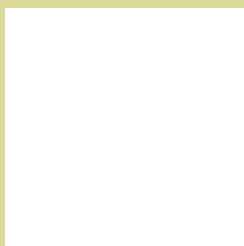
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.1176, 67.5360, 40.4391

Background



This preview shows how black text looks on a background with the XYZ color 60.1176, 67.5360, 40.4391.



This preview shows how white text looks on a background with the XYZ color 60.1176, 67.5360,

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

60.1176, 67.5360, 40.4391

Protanopia

62.6691, 67.3491, 39.4024

Deuteranopia

68.7902, 67.1678, 41.2373



Tritanopia

68.3860, 67.5312, 80.6646

Trichromacy



Original Color

60.1176, 67.5360, 40.4391

Protanomaly

61.7288, 67.2317, 39.8605

Deuteranomaly

65.3230, 67.1943, 40.9794

Tritanomaly

64.9036, 67.2180, 63.5864

Monochromacy



Original Color

60.1176, 67.5360, 40.4391

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.0724, 66.1070, 58.2563

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1176, 67.5360, 40.4391 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(219, 218, 154)` looks like.

```
.text, #text, p{  
    color:rgb(219, 218, 154)  
}
```

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(219, 218, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 218, 154) }
```

Border

The CSS property to change the border of an element to XYZ 60.1176, 67.5360, 40.4391 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(219, 218, 154) }
```


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

```
.border{ border-color:rgb(219, 218, 154) }
```

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

Here you see how a box with a 4 pixel rgb(219, 218, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 218, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 218, 154);  
box-shadow:4px 4px 4px 4px rgb(219, 218,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1176, 67.5360, 40.4391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 218, 154) }
```

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

```
.background{ background-color: rgb(219,  
218, 154) }
```

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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