

Converting Colors

XYZ(60.6540, 67.1383, 18.9947)

Have a look what the booklet for
XYZ(60.6540, 67.1383, 18.9947)
contains.

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Color

**XYZ(60.6540, 67.1383,
18.9947)**

Conversions

Conversions Part 1

Format	Color
Hex	ECD758
RGB	236, 215, 88
RGB Percent	93%, 84%, 35%
CMY	0.0745, 0.1568, 0.6549
CMYK	0.00, 0.09, 0.63, 0.07
HSL	51°, 80%, 64%
HSV	51°, 63%, 93%
XYZ	60.6540, 67.1383, 18.9947
YIQ	206.8010, 53.2830, -35.0450

Conversions

Conversions Part 2

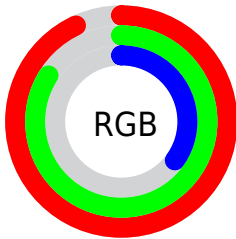
Format	Color
RYB	112, 236, 88
Decimal	15521624
CIELab	85.57, -7.35, 63.38
CIELCh	86, 63.800, 96.613
Yxy	67.1383, 0.4132, 0.4574
Android (android.graphics.Color)	4293711704 (0xFFECD758)
YUV	206.8010, -58.5689, 25.6075
Hunter-Lab	81.9380, -11.2581, 43.6121

Details

The XYZ color **60.6540, 67.1383, 18.9947** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **24.6335, 19.0677, 81.7387**, and the grayscale version is **59.5227, 62.6225, 68.1959**.

A 20% lighter version of the original color is **81.9579, 94.7632, 39.9581**, and **31.1107, 34.9306, 6.3309** is the 20% darker color. If you saturate the color by 10%, you get **58.9871, 65.1240, 14.3722**, and if you desaturate by 10%, it is **62.6578, 69.3204, 25.2916**.

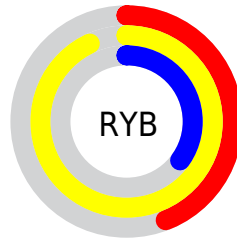
Distribution



Red (93%)

Green (84%)

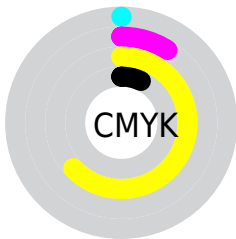
Blue (35%)



Red (44%)

Yellow (93%)

Blue (35%)

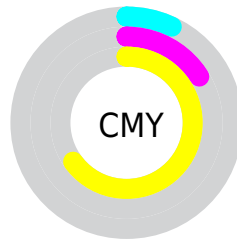


Cyan (0%)

Magenta (9%)

Yellow (63%)

Black (7%)



Cyan (7%)

Magenta (16%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.6540, 67.1383, 18.9947 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 60.6540, 67.1383, 18.9947 by changing the saturation by 10% instead.

60.6540, 67.1383,
18.9947

60.6540, 67.1383,
18.9947

416.8004,
450.4369, 258.8413

44.1975, 49.1970,
11.4897

104.8788,
115.1186, 42.5617

31.0244, 34.7758,
6.2789

133.3777,
145.9263, 59.4608

20.7693, 23.4902,
2.9439

166.6215,
181.7917, 80.3283

13.0670, 14.9559,
1.0661

204.9754,
223.0992, 105.5828

7.5520, 8.7884,
0.0000

248.8050,
270.2330, 135.6428

3.8590, 4.6034,
0.0000

298.4754,

1.6227, 2.0165,

323.5776, 170.9268

0.0000

354.3521,
383.5175, 211.8535

■ 0.4071, 0.6170,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.6540, 67.1383,
18.9947

■ 60.6540, 67.1383,
18.9947

■ 58.9871, 65.1240,
14.3722

■ 62.6578, 69.3204,
25.2916

■ 57.6205, 63.2550,
11.2524

■ 65.0216, 71.6720,
33.4040

■ 56.5172, 61.5189,
9.4343

■ 67.7715, 74.2063,
43.4630

■ 55.8353, 60.3196,
8.7000

■ 70.9300, 76.9324,
55.5860

■ 74.5178, 79.8588,
69.8816

■ 78.5540, 82.9933,
86.4504

■ 83.0568, 86.3433,
105.3870

■ 84.3309, 88.4308,
107.2319

■ 85.3353, 90.4396,
107.5667

Harmonies

Analogous

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



75.5393, 67.1383, 21.5585



60.6540, 67.1383, 18.9947



48.5792, 67.1383, 25.8971

Triad

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



60.6540, 67.1383, 18.9947



43.9376, 67.1383, 131.8544



92.9953, 67.1383, 109.6231

Complementary

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



60.6540, 67.1383, 18.9947



24.6335, 19.0677, 81.7387

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.



81.9386, 67.1383, 157.8136



60.6540, 67.1383, 18.9947



53.3676, 67.1383, 173.6860

Square

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



60.6540, 67.1383, 18.9947



39.9193, 67.1383, 82.6941



67.0797, 67.1383, 184.6500



95.7291, 67.1383, 64.2823

Rectangle

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



60.6540, 67.1383, 18.9947



43.2390, 67.1383, 37.3616



67.0797, 67.1383, 184.6500



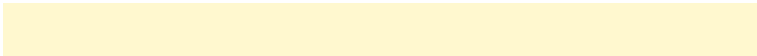
90.0552, 67.1383, 126.4710

Sweetspot

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



60.6556, 67.1415, 18.9961



86.0541, 92.9561, 72.1502



40.9075, 25.9431, 17.6614



18.1652, 19.6861, 14.4410



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.



60.6556, 67.1415, 18.9961



69.8662, 77.0431, 16.0017



51.5723, 70.9105, 20.2023



16.1592, 17.2414, 15.9950



30.8504, 33.3951, 4.8199



2.4725, 2.7223, 0.3951

Inverse Universe

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



24.6335, 19.0677, 81.7387



23.8789, 15.7631, 96.3918



29.4122, 18.5945, 81.3955



14.4036, 14.8935, 19.0378



8.7080, 4.0630, 44.0682



0.7378, 0.4270, 3.4784

Previews

White Background



This preview shows how the XYZ color 60.6540, 67.1383, 18.9947 looks on a white background.

Color Contrast Check

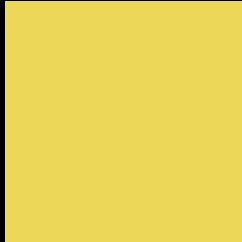
Large Text (above 18pt) WCAG AA × Fail

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 60.6540, 67.1383, 18.9947 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 60.6540, 67.1383, 18.9947

Background



This preview shows how black text looks on a background with the XYZ color 60.6540, 67.1383, 18.9947.



This preview shows how white text looks on a background with the XYZ color 60.6540, 67.1383,

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

60.6540, 67.1383, 18.9947

Protanopia

61.0679, 66.9749, 18.9413

Deuteranopia

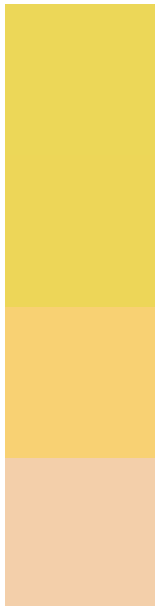
67.4080, 67.0413, 30.8602



Tritanopia

72.0027, 67.0250, 74.7878

Trichromacy



Original Color

60.6540, 67.1383, 18.9947

Protanomaly

60.7331, 66.8022, 18.9257

Deuteranomaly

64.6064, 66.7952, 25.7073

Tritanomaly

66.5307, 66.5826, 47.3754

Monochromacy



Original Color

60.6540, 67.1383, 18.9947

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.6609, 63.6789, 44.3215

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.6540, 67.1383, 18.9947 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(236, 215, 88)` looks like.

```
.text, #text, p{  
    color:rgb(236, 215, 88)  
}
```

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(236, 215, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 215, 88) }
```

Border

The CSS property to change the border of an element to XYZ 60.6540, 67.1383, 18.9947 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(236, 215, 88) }
```


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

```
.border{ border-color:rgb(236, 215, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 215, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 215, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 215, 88);  
box-shadow:4px 4px 4px 4px rgb(236, 215,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 60.6540, 67.1383, 18.9947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 215, 88) }
```

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

```
.background{ background-color: rgb(236,  
215, 88) }
```

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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