

Converting Colors

XYZ(60.1596, 66.2078, 15.4030)

Have a look what the booklet for
XYZ(60.1596, 66.2078, 15.4030)
contains.

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Color

**XYZ(60.1596, 66.2078,
15.4030)**

Conversions

Conversions Part 1

Format	Color
Hex	EED546
RGB	238, 213, 70
RGB Percent	93%, 84%, 27%
CMY	0.0667, 0.1647, 0.7255
CMYK	0.00, 0.11, 0.71, 0.07
HSL	51°, 83%, 60%
HSV	51°, 71%, 93%
XYZ	60.1596, 66.2078, 15.4030
YIQ	204.1730, 60.8030, -39.1730

Conversions

Conversions Part 2

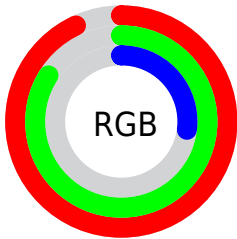
Format	Color
R _Y B	99, 238, 70
Decimal	15652166
CIE Lab	85.10, -6.49, 70.10
CIE LCh	85, 70.403, 95.287
Yxy	66.2078, 0.4243, 0.4670
Android (android.graphics.Color)	4293842246 (0xFFEED546)
YUV	204.1730, -66.1473, 29.6663
Hunter-Lab	81.3682, -10.4202, 45.7341

Details

The XYZ color **60.1596, 66.2078, 15.4030** 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 **22.0507, 15.6593, 82.7487**, and the grayscale version is **57.8840, 60.8985, 66.3185**.

A 20% lighter version of the original color is **80.7659, 94.2864, 33.6809**, and **30.7582, 34.2613, 4.9920** is the 20% darker color. If you saturate the color by 10%, you get **58.6717, 64.2056, 11.9066**, and if you desaturate by 10%, it is **61.9675, 68.3742, 20.4753**.

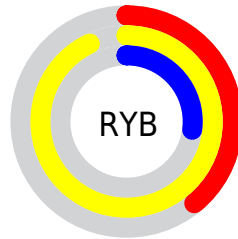
Distribution



Red (93%)

Green (84%)

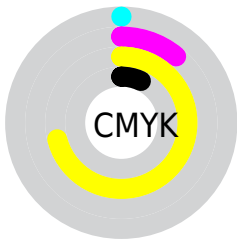
Blue (27%)



Red (39%)

Yellow (93%)

Blue (27%)

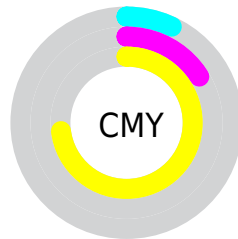


Cyan (0%)

Magenta (11%)

Yellow (71%)

Black (7%)



Cyan (7%)

Magenta (16%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.1596, 66.2078, 15.4030 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 60.1596, 66.2078, 15.4030 by changing the saturation by 10% instead.

60.1596, 66.2078,
15.4030

60.1596, 66.2078,
15.4030

415.0111,
447.1197, 237.5169

43.7972, 48.4411,
8.9530

104.1662,
113.7845, 36.3109

30.7084, 34.1763,
4.6141

132.5411,
144.3634, 51.6058

20.5276, 23.0291,
1.9679

165.6509,
179.9817, 70.6861

12.8896, 14.6150,
0.5355

203.8610,
221.0239, 93.9703

7.4291, 8.5496,
0.0000

247.5368,
267.8744, 121.8769

3.7806, 4.4486,
0.0000

297.0434,

1.5787, 1.9275,

320.9176, 154.8245

0.0000

352.7464,
380.5379, 193.2317

■ 0.3785, 0.5649,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.1596, 66.2078,
15.4030

■ 60.1596, 66.2078,
15.4030

■ 58.6717, 64.2056,
11.9066

■ 61.9675, 68.3742,
20.4753


■ 57.4616, 62.3429,
9.7845


■ 64.1225, 70.7082,
27.2851

■ 56.5192, 60.6962,
8.7367


■ 66.6535, 73.2241,
35.9781

■ 69.5853, 75.9320,
46.6838

 72.9403, 78.8411,
59.5202

 76.7394, 81.9598,
74.5960

 81.0019, 85.2962,
92.0126

 84.8634, 88.5046,
107.2181

 85.9237, 90.6252,
107.5715

Harmonies

Analogous

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



76.5598, 66.2078, 18.2932



60.1596, 66.2078, 15.4030



46.9029, 66.2078, 21.7129

Triad

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



60.1596, 66.2078, 15.4030



41.1718, 66.2078, 135.2363



94.8996, 66.2078, 115.1191

Complementary

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



60.1596, 66.2078, 15.4030



22.0507, 15.6593, 82.7487

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.



82.2427, 66.2078, 169.4765



60.1596, 66.2078, 15.4030



51.0196, 66.2078, 184.1100

Square

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



60.1596, 66.2078, 15.4030



37.1826, 66.2078, 80.4416



65.7811, 66.2078, 198.7330



98.4454, 66.2078, 64.3357

Rectangle

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



60.1596, 66.2078, 15.4030



41.0396, 66.2078, 32.9113



65.7811, 66.2078, 198.7330



91.4763, 66.2078, 134.1473

Sweetspot

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



60.1611, 66.2110, 15.4043



85.1066, 92.0401, 68.8162



39.5250, 23.3879, 13.3063



17.9741, 19.4941, 13.7914



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.



60.1611, 66.2110, 15.4043



67.9158, 74.0453, 12.5676



50.3169, 71.1986, 16.8859



16.9109, 18.0348, 16.7395



31.6079, 34.0138, 4.8994



2.6834, 2.9375, 0.4256

Inverse Universe

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



22.0507, 15.6593, 82.7487



21.0799, 12.0795, 95.8283



26.6463, 15.2056, 82.4189



15.0870, 15.6082, 19.9391



9.0090, 4.2423, 45.4719



0.8068, 0.4677, 3.8020

Previews

White Background



This preview shows how the XYZ color 60.1596, 66.2078, 15.4030 looks on a white background.

Color Contrast Check

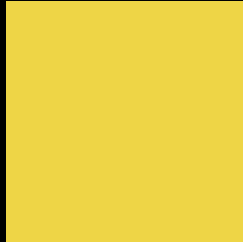
Large Text (above 18pt) WCAG AA × Fail

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 60.1596, 66.2078, 15.4030 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 60.1596, 66.2078, 15.4030

Background



This preview shows how black text looks on a background with the XYZ color 60.1596, 66.2078, 15.4030.



This preview shows how white text looks on a background with the XYZ color 60.1596, 66.2078,

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

60.1596, 66.2078, 15.4030

Protanopia

60.1596, 66.2078, 15.4030

Deuteranopia

66.4080, 65.8758, 27.9541



Tritanopia

72.1135, 66.0771, 73.2433

Trichromacy



Original Color

60.1596, 66.2078, 15.4030

Protanomaly

60.1596, 66.2078, 15.4030

Deuteranomaly

63.8784, 65.7649, 22.4238

Tritanomaly

66.1205, 65.3872, 43.3185

Monochromacy



Original Color

60.1596, 66.2078, 15.4030

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

56.5481, 61.5911, 39.9182

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.1596, 66.2078, 15.4030 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(238, 213, 70)` looks like.

```
.text, #text, p{  
    color:rgb(238, 213, 70)  
}
```

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(238, 213, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 213, 70) }
```

Border

The CSS property to change the border of an element to XYZ 60.1596, 66.2078, 15.4030 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(238, 213, 70) }
```


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

```
.border{ border-color:rgb(238, 213, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 213, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 213, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 213, 70);  
box-shadow:4px 4px 4px 4px rgb(238, 213,  
70) }
```

Background

The CSS property to change the background color of an element to XYZ 60.1596, 66.2078, 15.4030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 213, 70) }
```

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

```
.background{ background-color: rgb(238,  
213, 70) }
```

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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