

Converting Colors

XYZ(60.7067, 80.4707, 17.0885)

Have a look what the booklet for
XYZ(60.7067, 80.4707, 17.0885)
contains.

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Color

**XYZ(60.7363, 80.5820,
17.0554)**

Conversions

Conversions Part 1

Format	Color
Hex	D2F73F
RGB	210, 247, 63
RGB Percent	82%, 97%, 25%
CMY	0.1765, 0.0313, 0.7529
CMYK	0.15, 0.00, 0.74, 0.03
HSL	72°, 92%, 61%
HSV	72°, 74%, 97%
XYZ	60.7363, 80.5820, 17.0554
YIQ	214.9610, 37.0120, -65.0680

Conversions

Conversions Part 2

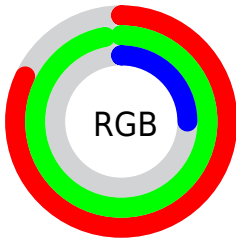
Format	Color
RYB	63, 247, 100
Decimal	13825855
CIELab	91.95, -34.62, 78.30
CIELCh	92, 85.612, 113.850
Yxy	80.5820, 0.3835, 0.5088
Android (android.graphics.Color)	4292015935 (0xFFD2F73F)
YUV	214.9610, -74.9168, -4.3508
Hunter-Lab	89.7675, -36.3207, 51.5724

Details

The XYZ color **60.7363, 80.5820, 17.0554** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **23.8244, 12.9818, 89.2505**, and the grayscale version is **65.0410, 68.4281, 74.5183**.

A 20% lighter version of the original color is **80.5752, 94.2101, 32.6765**, and **31.3933, 43.8409, 6.8075** is the 20% darker color. If you saturate the color by 10%, you get **58.8029, 79.6507, 14.1347**, and if you desaturate by 10%, it is **63.0267, 81.6670, 21.6107**.

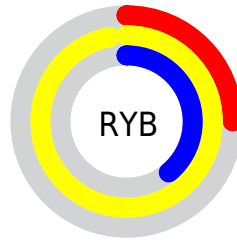
Distribution



Red (82%)

Green (97%)

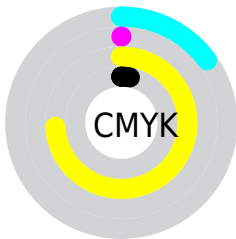
Blue (25%)



Red (25%)

Yellow (97%)

Blue (39%)

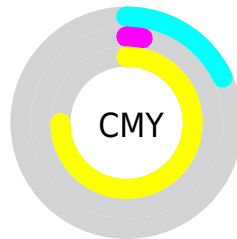


Cyan (15%)

Magenta (0%)

Yellow (74%)

Black (3%)



Cyan (18%)


Magenta (3%)


Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.7363, 80.5820, 17.0554 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 60.7363, 80.5820, 17.0554 by changing the saturation by 10% instead.


 60.7363, 80.5820,
17.0554


 60.7363, 80.5820,
17.0554


417.0978,
496.8921, 247.5462


 44.2641, 60.1974,
10.1116


 104.9973,
134.1837, 39.2130


 31.0770, 43.5778,
5.3665


 133.5168,
168.1696, 55.2638


 20.8096, 30.3387,
2.4014


 166.7829,
207.4580, 75.1875

 13.0966, 20.0958,
0.7872

 205.1607,
252.4333, 99.4024

 7.5725, 12.4647,
0.0000

 249.0158,
303.4800, 128.3272

 3.8722, 7.0610,
0.0000

298.7135,

 1.6301, 3.5003,

360.9824, 162.3804

0.0000

354.6190,
425.3250, 201.9806

■ 0.4119, 1.3982,
0.0000

■ 0.0000, 0.2154,
0.0000

■ 60.7363, 80.5820,
17.0554

■ 60.7363, 80.5820,
17.0554

■ 58.8029, 79.6507,
14.1347

■ 63.0267, 81.6670,
21.6107


■ 57.1756, 78.8439,
12.6065


■ 65.7056, 82.9096,
27.9890


■ 56.3743, 78.4396,
12.1691

■ 68.8069, 84.3264,
36.3582


■ 72.3590, 85.9287,
46.8661

 76.3876, 87.7268,
59.6464

 80.9165, 89.7303,
74.8218

 85.9677, 91.9481,
92.5065

 90.6447, 94.0216,
107.9782

 92.4461, 94.9502,
108.0625

Harmonies

Analogous

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



81.2102, 80.5820, 14.0201



60.7363, 80.5820, 17.0554



47.2732, 80.5820, 33.9425

Triad

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



60.7363, 80.5820, 17.0554



54.2598, 80.5820, 226.3221



126.7845, 80.5820, 101.3621

Complementary

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



60.7363, 80.5820, 17.0554



23.8244, 12.9818, 89.2505

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.



116.0526, 80.5820, 180.3019



60.7363, 80.5820, 17.0554



72.1500, 80.5820, 271.5768

Square

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



60.7363, 80.5820, 17.0554



44.0651, 80.5820, 146.3688



94.9889, 80.5820, 251.6079



122.1312, 80.5820, 47.3235

Rectangle

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



60.7363, 80.5820, 17.0554



42.7355, 80.5820, 58.1860



94.9889, 80.5820, 251.6079



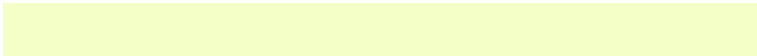
124.8006, 80.5820, 125.9129

Sweetspot

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



60.7382, 80.5856, 17.0571



83.2673, 94.8214, 67.8857



43.7960, 29.2116, 8.0338



17.5520, 20.1755, 13.6414



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.



60.7382, 80.5856, 17.0571



62.3652, 85.2112, 14.2622



41.6594, 70.7502, 16.1642



17.5691, 19.1354, 17.5651



29.9322, 41.5434, 6.4411



2.7116, 3.6929, 0.5699

Inverse Universe

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



23.8244, 12.9818, 89.2505



21.2671, 9.4967, 95.3199



40.2566, 21.4528, 90.0195



15.8924, 16.0872, 20.8101



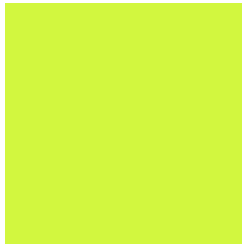
9.6577, 3.9530, 46.7920



0.9291, 0.3888, 4.1163

Previews

White Background



This preview shows how the XYZ color 60.7363, 80.5820, 17.0554 looks on a white background.

Color Contrast Check

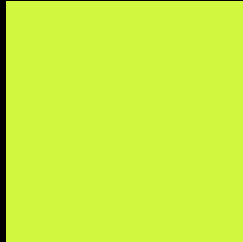
Large Text (above 18pt) WCAG AA × Fail

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 60.7363, 80.5820, 17.0554 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 60.7363, 80.5820, 17.0554

Background



This preview shows how black text looks on a background with the XYZ color 60.7363, 80.5820, 17.0554.

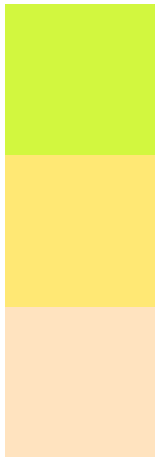


This preview shows how white text looks on a background with the XYZ color 60.7363, 80.5820,

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

60.7363, 80.5820, 17.0554

Protanopia

73.2490, 80.2342, 28.1491

Deuteranopia

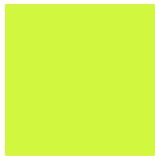
78.1131, 79.9598, 60.6070



Tritanopia

77.7088, 80.0912, 100.9860

Trichromacy



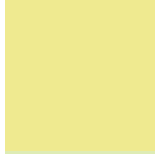
Original Color

60.7363, 80.5820, 17.0554



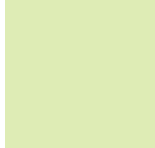
Protanomaly

68.0385, 79.7822, 23.1227



Deuteranomaly

70.0535, 79.2100, 37.9824



Tritanomaly

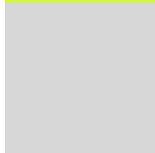
68.4601, 78.8567, 55.3287

Monochromacy



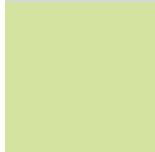
Original Color

60.7363, 80.5820, 17.0554



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

61.2548, 71.6224, 43.8537

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7363, 80.5820, 17.0554 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(210, 247, 63)` looks like.

```
.text, #text, p{  
    color:rgb(210, 247, 63)  
}
```

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(210, 247, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 247, 63) }
```

Border

The CSS property to change the border of an element to XYZ 60.7363, 80.5820, 17.0554 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(210, 247, 63) }
```


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

```
.border{ border-color:rgb(210, 247, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 247, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 247, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 247, 63);  
box-shadow:4px 4px 4px 4px rgb(210, 247,  
63) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7363, 80.5820, 17.0554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 247, 63) }
```

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

```
.background{ background-color: rgb(210,  
247, 63) }
```

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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