

Converting Colors

XYZ(60.9406, 84.4915, 13.5298)

Have a look what the booklet for
XYZ(60.9406, 84.4915, 13.5298)
contains.

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Color

**XYZ(61.0231, 84.5336,
13.5523)**

Conversions

Conversions Part 1

Format	Color
Hex	CDFF0F
RGB	205, 255, 15
RGB Percent	80%, 100%, 6%
CMY	0.1961, 0.0000, 0.9411
CMYK	0.20, 0.00, 0.94, 0.00
HSL	73°, 100%, 53%
HSV	73°, 94%, 100%
XYZ	61.0231, 84.5336, 13.5523
YIQ	212.6900, 47.2400, -85.2400

Conversions

Conversions Part 2

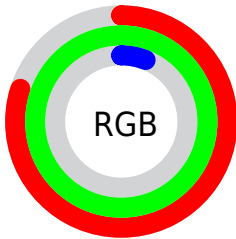
Format	Color
RYB	15, 255, 65
Decimal	13500175
CIELab	93.68, -41.42, 89.25
CIELCh	94, 98.394, 114.898
Yxy	84.5336, 0.3835, 0.5313
Android (android.graphics.Color)	4291690255 (0xFFC0FF0F)
YUV	212.6900, -97.4612, -6.7441
Hunter-Lab	91.9422, -42.4262, 55.6201

Details

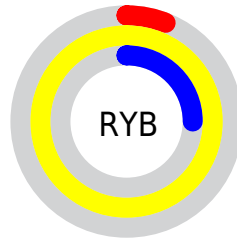
The XYZ color **61.0231, 84.5336, 13.5523** is a light color, and the websafe version is hex **CCFF00**. The color can be described as light saturated yellow. A complement of this color would be **20.4033, 8.6874, 95.2092**, and the grayscale version is **63.6491, 66.9639, 72.9236**.

A 20% lighter version of the original color is **79.2046, 93.6618, 25.4593**, and **31.8711, 46.4079, 7.2778** is the 20% darker color. If you saturate the color by 10%, you get **60.0813, 84.0581, 13.0582**, and if you desaturate by 10%, it is **62.8196, 85.4244, 15.2328**.

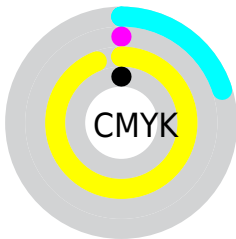
Distribution



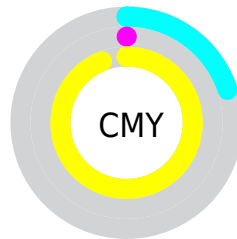
- Red (80%)
- Green (100%)
- Blue (6%)



- Red (6%)
- Yellow (100%)
- Blue (25%)



- Cyan (20%)
- Magenta (0%)
- Yellow (94%)
- Black (0%)





- Cyan (20%)
- Magenta (0%)
- Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.0231, 84.5336, 13.5523 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 61.0231, 84.5336, 13.5523 by changing the saturation by 10% instead.


 61.0231, 84.5336,
13.5523

 61.0231, 84.5336,
13.5523


418.1333,
510.0835, 225.7583

 44.4964, 63.4561,
7.6748


 105.4103,
139.7214, 32.9981

 31.2605, 46.2103,
3.8028


 134.0015,
174.6004, 47.4035


 20.9501, 32.4118,
1.5178


 167.3450,
214.8487, 65.4886

 13.1998, 21.6762,
0.2311

 205.8061,
260.8507, 87.6719

 7.6442, 13.6192,
0.0000

 249.7501,
312.9908, 114.3720

 3.9180, 7.8563,
0.0000

 299.5424,

 1.6559, 4.0031,

371.6534, 146.0074

0.0000

355.5483,
437.2228, 182.9967

■ 0.4284, 1.6753,
0.0000

■ 0.0000, 0.4076,
0.0000

■ 61.0231, 84.5336,
13.5523

■ 61.0231, 84.5336,
13.5523

■ 60.0813, 84.0581,
13.0582

■ 62.8196, 85.4244,
15.2328

■ 64.9528, 86.4557,
18.4233

■ 67.4716, 87.6471,
23.3795

■ 70.4160, 89.0147,
30.3094

■ 73.8203, 90.5722,
39.3921

■ 77.7154, 92.3320,
50.7867

■ 82.1289, 94.3053,
64.6372

■ 87.0865, 96.5023,
81.0760

■ 92.6119, 98.9326,
100.2259

Harmonies

Analogous

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



84.8910, 84.5336, 10.2911



61.0231, 84.5336, 13.5523



45.8961, 84.5336, 31.6796

Triad

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



61.0231, 84.5336, 13.5523



54.8141, 84.5336, 266.7197



141.3878, 84.5336, 105.4198

Complementary

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



61.0231, 84.5336, 13.5523



20.4033, 8.6874, 95.2092

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.



128.7739, 84.5336, 201.8427



61.0231, 84.5336, 13.5523



75.9674, 84.5336, 322.1192

Square

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



61.0231, 84.5336, 13.5523



42.8927, 84.5336, 166.7460



103.3713, 84.5336, 293.5413



134.9810, 84.5336, 43.8386

Rectangle

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



61.0231, 84.5336, 13.5523



40.9933, 84.5336, 59.4556



103.3713, 84.5336, 293.5413



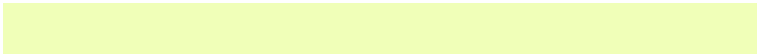
139.1640, 84.5336, 134.7785

Sweetspot

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



61.0231, 84.5336, 13.5535



80.3468, 93.5107, 58.9425



43.1053, 24.8523, 2.9782



16.7951, 19.8350, 11.3617



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.



61.0231, 84.5336, 13.5535



60.0813, 84.0581, 13.0582



39.7789, 73.5819, 12.5592



19.1689, 20.8885, 19.1659



31.5224, 43.9885, 6.8292



3.1579, 4.3287, 0.6691

Inverse Universe

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



20.4033, 8.6874, 95.2092



19.5252, 7.9805, 95.1190



37.7519, 17.6309, 96.0211



17.3566, 17.5600, 22.7246



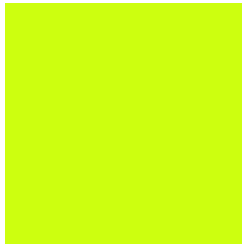
10.3007, 4.2207, 49.7064



1.0885, 0.4551, 4.8437

Previews

White Background



This preview shows how the XYZ color 61.0231, 84.5336, 13.5523 looks on a white background.

Color Contrast Check

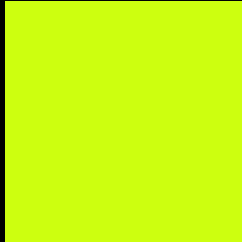
Large Text (above 18pt) WCAG AA × Fail

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 61.0231, 84.5336, 13.5523 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 61.0231, 84.5336, 13.5523

Background



This preview shows how black text looks on a background with the XYZ color 61.0231, 84.5336, 13.5523.

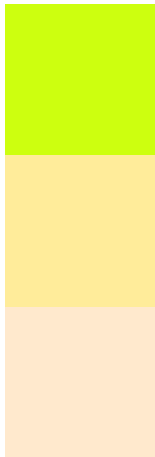


This preview shows how white text looks on a background with the XYZ color 61.0231, 84.5336,

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

61.0231, 84.5336, 13.5523

Protanopia

77.0682, 83.5840, 42.6432

Deuteranopia

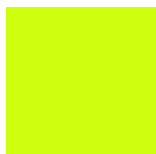
81.3984, 83.9456, 69.6706



Tritanopia

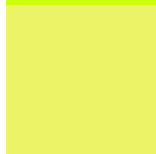
80.0127, 84.1193, 106.6273

Trichromacy



Original Color

61.0231, 84.5336, 13.5523



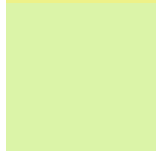
Protanomaly

69.4238, 83.0850, 25.2099



Deuteranomaly

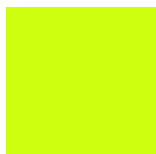
70.8243, 82.6927, 35.5210



Tritanomaly

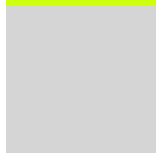
68.6320, 82.5886, 49.3697

Monochromacy



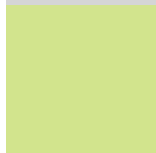
Original Color

61.0231, 84.5336, 13.5523



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

59.1295, 71.1115, 35.8087

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0231, 84.5336, 13.5523 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(205, 255, 15)` looks like.

```
.text, #text, p{  
    color:rgb(205, 255, 15)  
}
```

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(205, 255, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 255, 15) }
```

Border

The CSS property to change the border of an element to XYZ 61.0231, 84.5336, 13.5523 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(205, 255, 15) }
```


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

```
.border{ border-color:rgb(205, 255, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 255, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 255, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 255, 15);  
box-shadow:4px 4px 4px 4px rgb(205, 255,  
15) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0231, 84.5336, 13.5523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 255, 15) }
```

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

```
.background{ background-color: rgb(205,  
255, 15) }
```

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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