

Converting Colors

XYZ(61.2544, 84.6629, 13.1132)

Have a look what the booklet for
XYZ(61.2544, 84.6629, 13.1132)
contains.

XYZ(61.2136, 84.6418, 13.1112)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(61.2136, 84.6418,
13.1112)**

Conversions

Conversions Part 1

Format	Color
Hex	CEFF00
RGB	206, 255, 0
RGB Percent	81%, 100%, 0%
CMY	0.1922, 0.0000, 0.9998
CMYK	0.19, 0.00, 1.00, 0.00
HSL	72°, 100%, 50%
HSV	72°, 100%, 100%
XYZ	61.2136, 84.6418, 13.1112
YIQ	211.2790, 52.6510, -89.6930

Conversions

Conversions Part 2

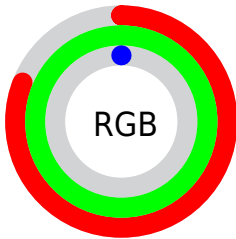
Format	Color
RYB	0, 255, 49
Decimal	13565696
CIELab	93.73, -41.18, 90.42
CIELCh	94, 99.359, 114.483
Yxy	84.6418, 0.3851, 0.5325
Android (android.graphics.Color)	4291755776 (0xFFCEFF00)
YUV	211.2790, -104.1605, -4.6297
Hunter-Lab	92.0010, -42.2353, 55.9512

Details

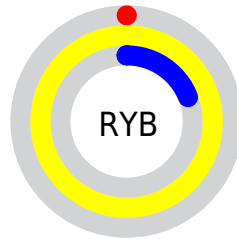
The XYZ color **61.2136, 84.6418, 13.1112** is a light color, and the websafe version is hex **CCFF00**, and the color name is **volt**. The color can be described as light saturated yellow. A complement of this color would be **19.3190, 7.8748, 95.1095**, and the grayscale version is **62.7475, 66.0153, 71.8907**.

A 20% lighter version of the original color is **79.0656, 93.6062, 24.7271**, and **32.0481, 46.4992, 7.2861** is the 20% darker color. If you saturate the color by 10%, you get **61.2113, 84.6406, 13.1111**, and if you desaturate by 10%, it is **62.7767, 85.4267, 14.1308**.

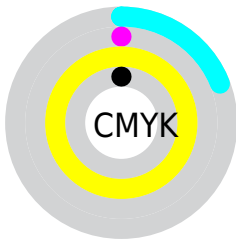
Distribution



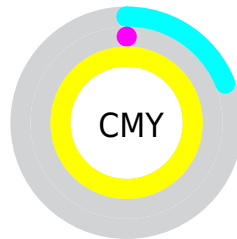
- Red (81%)
- Green (100%)
- Blue (0%)



- Red (0%)
- Yellow (100%)
- Blue (19%)



- Cyan (19%)
- Magenta (0%)
- Yellow (100%)
- Black (0%)





- Cyan (19%)
- Magenta (0%)
- Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.2136, 84.6418, 13.1112 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 61.2136, 84.6418, 13.1112 by changing the saturation by 10% instead.


 61.2136, 84.6418,
13.1112

 61.2136, 84.6418,
13.1112


418.8202,
510.4421, 222.8619

 44.6508, 63.5455,
7.3735


 105.6845,
139.8726, 32.1975


 31.3825, 46.2826,
3.6148


 134.3233,
174.7759, 46.3833


 21.0436, 32.4689,
1.4165


 167.7181,
215.0502, 64.2221

 13.2685, 21.7199,
0.1545

 206.2343,
261.0800, 86.1326

 7.6920, 13.6512,
0.0000

 250.2373,
313.2497, 112.5333

 3.9486, 7.8785,
0.0000

 300.0923,

 1.6731, 4.0173,

371.9437, 143.8427

0.0000

356.1648,
437.5463, 180.4794

■ 0.4393, 1.6832,
0.0000

■ 0.0000, 0.4128,
0.0000

■ 61.2136, 84.6418,
13.1112

■ 61.2136, 84.6418,
13.1112

■ 61.2113, 84.6406,
13.1111

■ 62.7767, 85.4267,
14.1308

■ 64.6185, 86.3280,
16.3938

■ 66.8114, 87.3747,
20.2800

■ 69.3998, 88.5847,
26.0215

72.4210, 89.9728,
33.8131

75.9077, 91.5523,
43.8248

79.8891, 93.3348,
56.2090

84.3920, 95.3311,
71.1046

89.4410, 97.5511,
88.6397

Harmonies

Analogous

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



85.4228, 84.6418, 10.0176



61.2136, 84.6418, 13.1112



45.8355, 84.6418, 30.9247

Triad

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



61.2136, 84.6418, 13.1112



54.4434, 84.6418, 268.0722



142.2044, 84.6418, 106.8365

Complementary

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



61.2136, 84.6418, 13.1112



19.3190, 7.8748, 95.1095

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.



129.1765, 84.6418, 204.8707



61.2136, 84.6418, 13.1112



75.6731, 84.6418, 325.4145

Square

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



61.2136, 84.6418, 13.1112



42.5666, 84.6418, 166.3858



103.3441, 84.6418, 297.5349



135.9760, 84.6418, 44.1308

Rectangle

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



61.2136, 84.6418, 13.1112



40.8176, 84.6418, 58.5175



103.3441, 84.6418, 297.5349



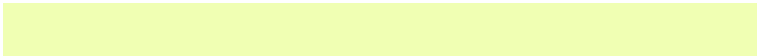
139.8592, 84.6418, 136.7189

Sweetspot

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



61.2136, 84.6418, 13.1123



79.8825, 93.3319, 56.1878



42.2481, 23.2758, 2.2671



16.7256, 19.8106, 10.8454



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.



61.2136, 84.6418, 13.1123



61.2113, 84.6406, 13.1111



39.1345, 73.2596, 12.0791



19.1989, 20.9040, 19.1673



32.1060, 44.2893, 6.8565



3.2098, 4.3555, 0.6715

Inverse Universe

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



19.3190, 7.8748, 95.1095



19.3170, 7.8732, 95.1093



35.5646, 16.2497, 95.8698



17.3288, 17.5457, 22.7233



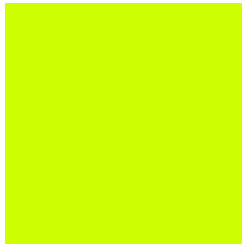
10.1857, 4.1614, 49.7010



1.0735, 0.4473, 4.8430

Previews

White Background



This preview shows how the XYZ color 61.2136, 84.6418, 13.1112 looks on a white background.

Color Contrast Check

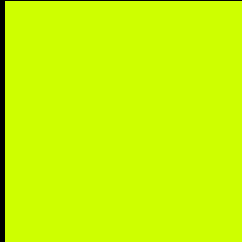
Large Text (above 18pt) WCAG AA × Fail

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 61.2136, 84.6418, 13.1112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

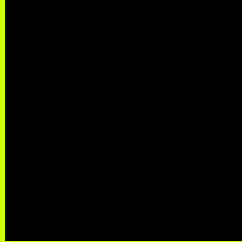
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.2136, 84.6418, 13.1112

Background



This preview shows how black text looks on a background with the XYZ color 61.2136, 84.6418, 13.1112.



This preview shows how white text looks on a background with the XYZ color 61.2136, 84.6418,

Color Blindness Simulation

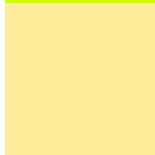
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



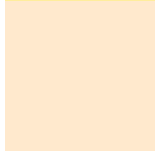
Original Color

61.2136, 84.6418, 13.1112



Protanopia

77.5249, 84.2287, 43.6242



Deuteranopia

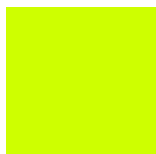
81.3984, 83.9456, 69.6706



Tritanopia

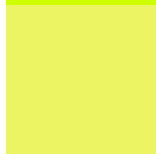
80.3291, 84.2824, 106.6421

Trichromacy



Original Color

61.2136, 84.6418, 13.1112



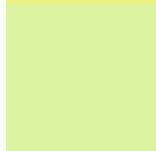
Protanomaly

69.5279, 83.6067, 24.2776



Deuteranomaly

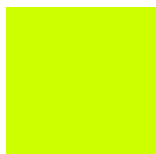
70.4096, 82.5268, 33.3374



Tritanomaly

68.3875, 82.5256, 46.5071

Monochromacy



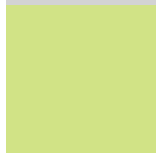
Original Color

61.2136, 84.6418, 13.1112



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

58.0667, 70.2147, 33.0466

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2136, 84.6418, 13.1112 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(206, 255, 0)` looks like.

```
.text, #text, p{  
    color:rgb(206, 255, 0)  
}
```

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(206, 255, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 255, 0) }
```

Border

The CSS property to change the border of an element to XYZ 61.2136, 84.6418, 13.1112 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(206, 255, 0) }
```


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

```
.border{ border-color:rgb(206, 255, 0) }
```

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

Here you see how a box with a 4 pixel rgb(206, 255, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 255, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 255, 0);  
box-shadow:4px 4px 4px 4px rgb(206, 255,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2136, 84.6418, 13.1112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 255, 0) }
```

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

```
.background{ background-color: rgb(206,  
255, 0) }
```

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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