

Converting Colors

XYZ(61.3167, 84.6934, 13.1891)

Have a look what the booklet for
XYZ(61.3167, 84.6934, 13.1891)
contains.

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Color

**XYZ(61.2300, 84.6484,
13.1978)**

Conversions

Conversions Part 1

Format	Color
Hex	CEFF03
RGB	206, 255, 3
RGB Percent	81%, 100%, 1%
CMY	0.1922, 0.0000, 0.9881
CMYK	0.19, 0.00, 0.99, 0.00
HSL	72°, 100%, 51%
HSV	72°, 99%, 100%
XYZ	61.2300, 84.6484, 13.1978
YIQ	211.6210, 51.6880, -88.7600

Conversions

Conversions Part 2

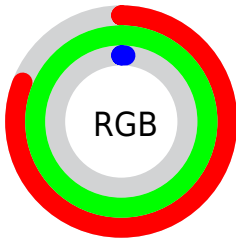
Format	Color
R _Y B	3, 255, 52
Decimal	13565699
CIE Lab	93.73, -41.15, 90.21
CIE LCh	94, 99.155, 114.520
Yxy	84.6484, 0.3849, 0.5321
Android (android.graphics.Color)	4291755779 (0xFFCEFF03)
YUV	211.6210, -102.8502, -4.9296
Hunter-Lab	92.0046, -42.2144, 55.8982

Details

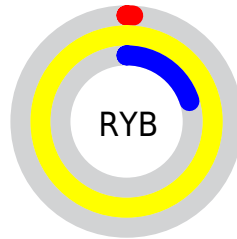
The XYZ color **61.2300, 84.6484, 13.1978** is a light color, and the websafe version is hex **CCFF00**. The color can be described as light saturated yellow. A complement of this color would be **19.5014, 8.0172, 95.1274**, and the grayscale version is **62.9674, 66.2467, 72.1426**.

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 **61.0494, 84.5572, 13.1035**, and if you desaturate by 10%, it is **62.8282, 85.4492, 14.3148**.

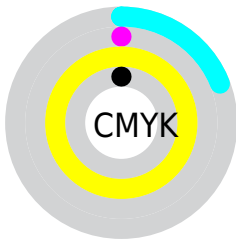
Distribution



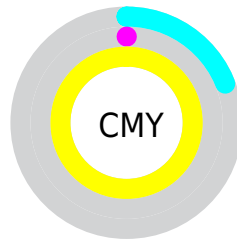
- Red (81%)
- Green (100%)
- Blue (1%)



- Red (1%)
- Yellow (100%)
- Blue (20%)



- Cyan (19%)
- Magenta (0%)
- Yellow (99%)
- Black (0%)




- Cyan (19%)
- Magenta (0%)
- Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.2300, 84.6484, 13.1978 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 61.2300, 84.6484, 13.1978 by changing the saturation by 10% instead.


 61.2300, 84.6484,
13.1978


 61.2300, 84.6484,
13.1978


418.8793,
510.4639, 223.4336

 44.6641, 63.5509,
7.4326


 105.7081,
139.8818, 32.3551


 31.3930, 46.2870,
3.6515


 134.3510,
174.7866, 46.5842


 21.0516, 32.4724,
1.4362


 167.7502,
215.0625, 64.4717

 13.2744, 21.7226,
0.1697

 206.2712,
261.0940, 86.4361

 7.6961, 13.6532,
0.0000

 250.2792,
313.2655, 112.8959

 3.9513, 7.8799,
0.0000

 300.1397,

 1.6746, 4.0182,

371.9614, 144.2698

0.0000

356.2179,
437.5661, 180.9762

■ 0.4403, 1.6837,
0.0000

■ 0.0000, 0.4131,
0.0000

■ 61.2300, 84.6484,
13.1978

■ 61.2300, 84.6484,
13.1978

■ 61.0494, 84.5572,
13.1035

■ 62.8282, 85.4492,
14.3148

■ 64.7214, 86.3731,
16.7556

■ 66.9724, 87.4452,
20.8497

■ 69.6246, 88.6830,
26.8237

■ 72.7146, 90.1012,
34.8689

■ 76.2749, 91.7126,
45.1530

■ 80.3341, 93.5289,
57.8267

■ 84.9190, 95.5608,
73.0273

■ 90.0538, 97.8180,
90.8821

Harmonies

Analogous

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



85.3851, 84.6484, 10.0849



61.2300, 84.6484, 13.1978



45.8850, 84.6484, 31.0487

Triad

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



61.2300, 84.6484, 13.1978



54.5154, 84.6484, 267.7035



142.0668, 84.6484, 106.7102

Complementary

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



61.2300, 84.6484, 13.1978



19.5014, 8.0172, 95.1274

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.



129.0950, 84.6484, 204.4588



61.2300, 84.6484, 13.1978



75.7199, 84.6484, 324.7648

Square

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



61.2300, 84.6484, 13.1978



42.6415, 84.6484, 166.3396



103.3357, 84.6484, 296.8742



135.8314, 84.6484, 44.1587

Rectangle

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



61.2300, 84.6484, 13.1978



40.8798, 84.6484, 58.6483



103.3357, 84.6484, 296.8742



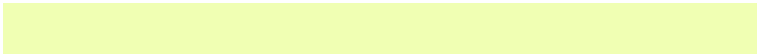
139.7360, 84.6484, 136.5075

Sweetspot

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



61.2300, 84.6483, 13.1989



79.8229, 93.3011, 56.1850



42.3648, 23.4829, 2.3871



16.7112, 19.8032, 10.8447



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.



61.2300, 84.6483, 13.1989



61.0494, 84.5572, 13.1035



39.3288, 73.3579, 12.1740



19.1947, 20.9018, 19.1671



32.0224, 44.2462, 6.8526



3.2024, 4.3516, 0.6712

Inverse Universe

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



19.5014, 8.0172, 95.1274



19.3454, 7.8878, 95.1106



35.8101, 16.4247, 95.8906



17.3327, 17.5477, 22.7235



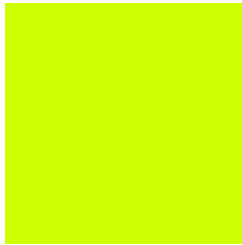
10.2015, 4.1695, 49.7017



1.0756, 0.4484, 4.8431

Previews

White Background



This preview shows how the XYZ color 61.2300, 84.6484, 13.1978 looks on a white background.

Color Contrast Check

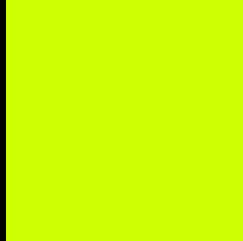
Large Text (above 18pt) WCAG AA × Fail

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 61.2300, 84.6484, 13.1978 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 61.2300, 84.6484, 13.1978

Background



This preview shows how black text looks on a background with the XYZ color 61.2300, 84.6484, 13.1978.

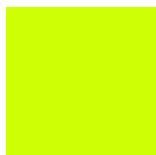


This preview shows how white text looks on a background with the XYZ color 61.2300, 84.6484,

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



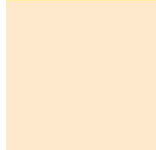
Original Color

61.2300, 84.6484, 13.1978



Protanopia

77.5249, 84.2287, 43.6242



Deuteranopia

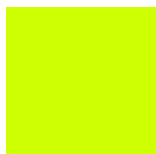
81.3984, 83.9456, 69.6706



Tritanopia

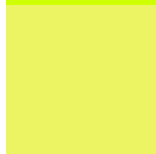
80.3291, 84.2824, 106.6421

Trichromacy



Original Color

61.2300, 84.6484, 13.1978



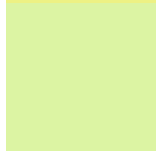
Protanomaly

69.5760, 83.6260, 24.5310



Deuteranomaly

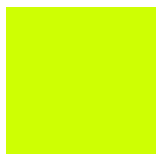
70.5452, 82.5811, 34.0514



Tritanomaly

68.4767, 82.5614, 46.9772

Monochromacy



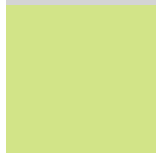
Original Color

61.2300, 84.6484, 13.1978



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

58.7657, 70.9660, 33.8931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2300, 84.6484, 13.1978 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, 3)` looks like.

```
.text, #text, p{  
    color:rgb(206, 255, 3)  
}
```

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, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 255, 3) }
```

Border

The CSS property to change the border of an element to XYZ 61.2300, 84.6484, 13.1978 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, 3) }
```


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

```
.border{ border-color:rgb(206, 255, 3) }
```

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, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 255, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 255, 3);  
box-shadow:4px 4px 4px 4px rgb(206, 255,  
3) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2300, 84.6484, 13.1978 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, 3) }
```

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

```
.background{ background-color: rgb(206,  
255, 3) }
```

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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