

Converting Colors

XYZ(61.7145, 84.5609, 28.4569)

Have a look what the booklet for
XYZ(61.7145, 84.5609, 28.4569)
contains.

XYZ(61.7106, 84.5602, 28.3985)	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(61.7106, 84.5602,
28.3985)**

Conversions

Conversions Part 1

Format	Color
Hex	C5FF70
RGB	197, 255, 112
RGB Percent	77%, 100%, 44%
CMY	0.2275, 0.0000, 0.5608
CMYK	0.23, 0.00, 0.56, 0.00
HSL	84°, 100%, 72%
HSV	84°, 56%, 100%
XYZ	61.7106, 84.5602, 28.3985
YIQ	221.3560, 11.3350, -56.7690

Conversions

Conversions Part 2

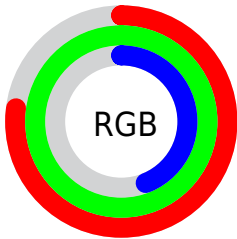
Format	Color
RYB	112, 255, 170
Decimal	12975984
CIELab	93.69, -39.86, 61.34
CIELCh	94, 73.156, 123.015
Yxy	84.5602, 0.3533, 0.4841
Android (android.graphics.Color)	4291166064 (0xFFC5FF70)
YUV	221.3560, -53.9125, -21.3602
Hunter-Lab	91.9566, -41.1356, 46.0594

Details

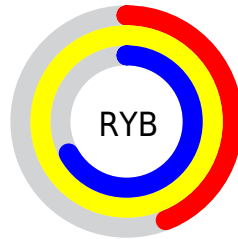
The XYZ color **61.7106, 84.5602, 28.3985** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **40.4231, 27.3558, 97.7574**, and the grayscale version is **69.3388, 72.9499, 79.4424**.

A 20% lighter version of the original color is **83.9751, 95.5700, 50.5801**, and **31.7231, 46.2491, 10.9964** is the 20% darker color. If you saturate the color by 10%, you get **57.8698, 82.7216, 21.8278**, and if you desaturate by 10%, it is **66.1396, 86.6555, 37.0972**.

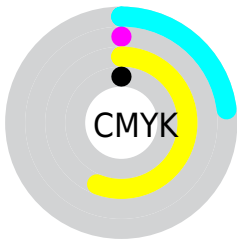
Distribution



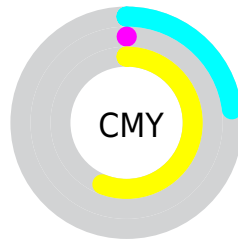
- Red (77%)
- Green (100%)
- Blue (44%)



- Red (44%)
- Yellow (100%)
- Blue (67%)



- Cyan (23%)
- Magenta (0%)
- Yellow (56%)
- Black (0%)





- Cyan (23%)
- Magenta (0%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.7106, 84.5602, 28.3985 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 61.7106, 84.5602, 28.3985 by changing the saturation by 10% instead.


 61.7106, 84.5602,
28.3985


 61.7106, 84.5602,
28.3985


420.6091,
510.1717, 308.3379


 45.0536, 63.4781,
18.3846


 106.3995,
139.7585, 58.1508

 31.7011, 46.2281,
11.0542


 135.1620,
174.6435, 78.7263

 21.2877, 32.4258,
5.9887


 168.6905,
214.8982, 103.6593

 13.4482, 21.6870,
2.7695

207.3503,
260.9071, 133.3686

 7.8170, 13.6271,
0.9782

251.5067,
313.0545, 168.2725

 4.0289, 7.8617,
0.0000

301.5250,

 1.7185, 4.0066,

371.7248, 208.7897

0.0000

357.7707,
437.3024, 255.3386

■ 0.4678, 1.6773,
0.0000

■ 0.0000, 0.4089,
0.0000

■ 61.7106, 84.5602,
28.3985

■ 61.7106, 84.5602,
28.3985

■ 57.8698, 82.7216,
21.8278

■ 66.1396, 86.6555,
37.0972

■ 54.5780, 81.1237,
17.1973

■ 71.1908, 89.0215,
48.0830

■ 51.7907, 79.7482,
14.2929

■ 76.8956, 91.6713,
61.5039

■ 49.4532, 78.5728,
12.8469

■ 83.2830, 94.6168,
77.4945

■ 48.6286, 78.1540,
12.5222

■ 90.3799, 97.8692,
96.1795

95.0500, 100.0000,
108.9000

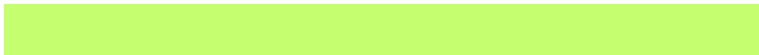
Harmonies

Analogous

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



78.4254, 84.5602, 21.2840



61.7106, 84.5602, 28.3985



51.5004, 84.5602, 51.6030

Triad

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



61.7106, 84.5602, 28.3985



64.6048, 84.5602, 223.8710



123.6791, 84.5602, 86.5650

Complementary

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



61.7106, 84.5602, 28.3985



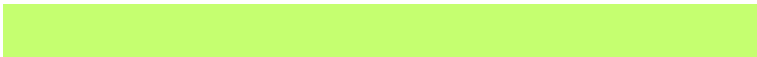
40.4231, 27.3558, 97.7574

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.



118.4109, 84.5602, 149.5582



61.7106, 84.5602, 28.3985



82.3504, 84.5602, 245.2854

Square

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



61.7106, 84.5602, 28.3985



52.9728, 84.5602, 163.4171



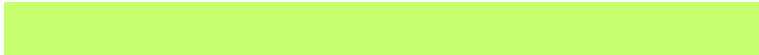
102.4605, 84.5602, 213.8614



115.8881, 84.5602, 45.2645

Rectangle

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



61.7106, 84.5602, 28.3985



48.7383, 84.5602, 79.6808



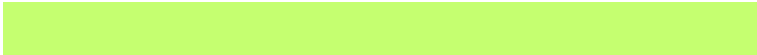
102.4605, 84.5602, 213.8614



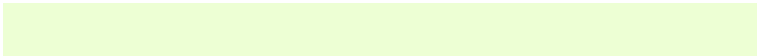
123.3792, 84.5602, 105.6848

Sweetspot

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



61.7108, 84.5602, 28.3997



82.6640, 94.3322, 75.9072



58.3905, 50.8813, 22.0740



17.4096, 20.0603, 15.5248



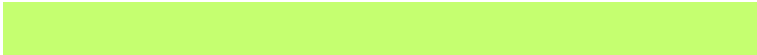
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.7108, 84.5602, 28.3997



57.5435, 82.5643, 21.3220



47.3339, 77.1487, 27.7269



18.8069, 20.7019, 19.1490



25.5829, 40.9266, 6.5513



2.6147, 4.0487, 0.6437

Inverse Universe

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



40.4231, 27.3558, 97.7574



34.4536, 20.3999, 96.7294



60.0181, 37.4573, 98.6744



17.7005, 17.7374, 22.7407



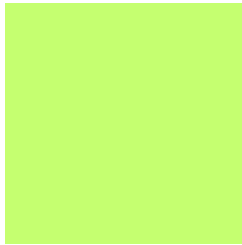
12.5385, 5.3743, 49.8111



1.3407, 0.5851, 4.8555

Previews

White Background



This preview shows how the XYZ color 61.7106, 84.5602, 28.3985 looks on a white background.

Color Contrast Check

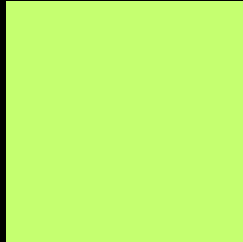
Large Text (above 18pt) WCAG AA × Fail

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 61.7106, 84.5602, 28.3985 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 61.7106, 84.5602, 28.3985

Background



This preview shows how black text looks on a background with the XYZ color 61.7106, 84.5602, 28.3985.

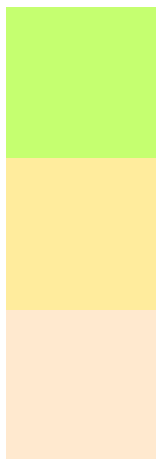


This preview shows how white text looks on a background with the XYZ color 61.7106, 84.5602,

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

61.7106, 84.5602, 28.3985

Protanopia

77.3213, 83.6852, 43.9759

Deuteranopia

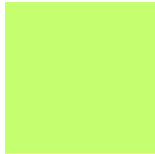
81.6414, 84.0428, 70.9504



Tritanopia

78.4317, 84.1686, 106.7201

Trichromacy



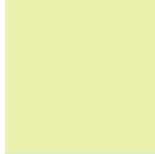
Original Color

61.7106, 84.5602, 28.3985



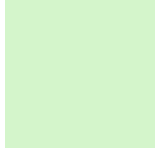
Protanomaly

70.7900, 83.5167, 37.5886



Deuteranomaly

72.8334, 83.3816, 51.2853



Tritanomaly

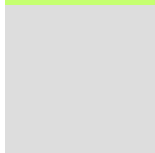
70.5833, 83.6137, 68.9188

Monochromacy



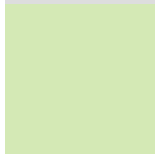
Original Color

61.7106, 84.5602, 28.3985



Achromatopsia

68.7264, 72.3055, 78.7407



Achromatomaly

64.6308, 75.6111, 54.9041

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7106, 84.5602, 28.3985 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(197, 255, 112)` looks like.

```
.text, #text, p{  
    color:rgb(197, 255, 112)  
}
```

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(197, 255, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 255, 112) }
```

Border

The CSS property to change the border of an element to XYZ 61.7106, 84.5602, 28.3985 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(197, 255, 112) }
```


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

```
.border{ border-color:rgb(197, 255, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 255, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 255, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 255, 112);  
box-shadow:4px 4px 4px 4px rgb(197, 255,  
112) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7106, 84.5602, 28.3985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 255, 112) }
```

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

```
.background{ background-color: rgb(197,  
255, 112) }
```

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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