

Converting Colors

XYZ(61.7494, 84.6410, 25.6532)

Have a look what the booklet for
XYZ(61.7494, 84.6410, 25.6532)
contains.

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Color

**XYZ(61.7115, 84.6214,
25.6514)**

Conversions

Conversions Part 1

Format	Color
Hex	C7FF66
RGB	199, 255, 102
RGB Percent	78%, 100%, 40%
CMY	0.2196, 0.0000, 0.6000
CMYK	0.22, 0.00, 0.60, 0.00
HSL	82°, 100%, 70%
HSV	82°, 60%, 100%
XYZ	61.7115, 84.6214, 25.6514
YIQ	220.8140, 15.7370, -59.4550

Conversions

Conversions Part 2

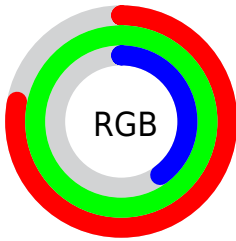
Format	Color
RYB	102, 255, 158
Decimal	13107046
CIELab	93.72, -39.97, 65.65
CIElCh	94, 76.861, 121.336
Yxy	84.6214, 0.3588, 0.4920
Android (android.graphics.Color)	4291297126 (0xFFC7FF66)
YUV	220.8140, -58.5753, -19.1309
Hunter-Lab	91.9899, -41.2354, 47.8599

Details

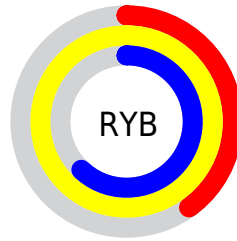
The XYZ color **61.7115, 84.6214, 25.6514** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **36.9033, 23.9932, 97.2939**, and the grayscale version is **68.9867, 72.5794, 79.0389**.

A 20% lighter version of the original color is **83.1716, 95.2486, 46.3490**, and **31.6332, 46.2327, 9.6394** is the 20% darker color. If you saturate the color by 10%, you get **58.2341, 82.9531, 19.8721**, and if you desaturate by 10%, it is **65.7301, 86.5238, 33.4880**.

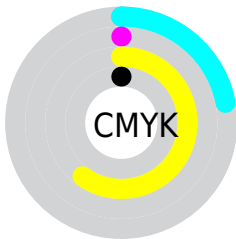
Distribution



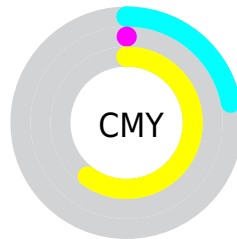
- Red (78%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (62%)



- Cyan (22%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)





- Cyan (22%)
- Magenta (0%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.7115, 84.6214, 25.6514 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 61.7115, 84.6214, 25.6514 by changing the saturation by 10% instead.


 61.7115, 84.6214,
25.6514

 61.7115, 84.6214,
25.6514


420.6123,
510.3745, 294.6174

 45.0543, 63.5286,
16.3396


 106.4008,
139.8441, 53.6892


 31.7017, 46.2690,
9.6078


 135.1636,
174.7428, 73.2523

 21.2882, 32.4581,
5.0375


 168.6923,
215.0122, 97.0695

 13.4485, 21.7117,
2.2102

 207.3523,
261.0368, 125.5595

 7.8172, 13.6452,
0.6802

251.5090,
313.2009, 159.1408

 4.0290, 7.8743,
0.0000

301.5276,

 1.7186, 4.0146,

371.8890, 198.2318

0.0000

357.7736,
437.4854, 243.2512

0.4679, 1.6817,
0.0000

0.0000, 0.4118,
0.0000

61.7115, 84.6214,
25.6514

61.7115, 84.6214,
25.6514

58.2341, 82.9531,
19.8721

65.7301, 86.5238,
33.4880

55.2576, 81.5023,
15.9516

70.3242, 88.6742,
43.5483

52.7354, 80.2502,
13.6589

75.5255, 91.0857,
55.9863

50.5925, 79.1664,
12.6143

81.3629, 93.7700,
70.9408

■ 50.5921, 79.1662,
12.6141

■ 87.8631, 96.7382,
88.5401

95.0500, 100.0000,
108.9000

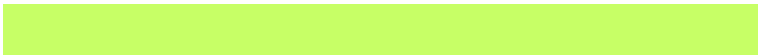
Harmonies

Analogous

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



79.5193, 84.6214, 19.2923



61.7115, 84.6214, 25.6514



50.6950, 84.6214, 48.0843

Triad

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



61.7115, 84.6214, 25.6514



63.0482, 84.6214, 229.9887



126.3486, 84.6214, 89.5447

Complementary

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



61.7115, 84.6214, 25.6514



36.9033, 23.9932, 97.2939

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.



119.9788, 84.6214, 157.1903



61.7115, 84.6214, 25.6514



81.3478, 84.6214, 256.1959

Square

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



61.7115, 84.6214, 25.6514



51.3700, 84.6214, 163.7547



102.5960, 84.6214, 225.2042



118.7891, 84.6214, 45.2042

Rectangle

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



61.7115, 84.6214, 25.6514



47.5580, 84.6214, 76.2346



102.5960, 84.6214, 225.2042



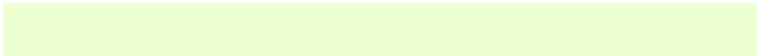
125.7592, 84.6214, 110.1130

Sweetspot

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



61.7117, 84.6215, 25.6526



82.6079, 94.3401, 74.2421



55.4521, 45.8466, 18.4982



17.2953, 20.0158, 14.8694



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.



61.7117, 84.6215, 25.6526



57.5995, 82.6458, 18.9452



46.6092, 76.8359, 24.9458



18.8788, 20.7389, 19.1523



26.6053, 41.4536, 6.5991



2.7107, 4.0982, 0.6482

Inverse Universe

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



36.9033, 23.9932, 97.2939



30.9099, 17.2323, 96.3048



56.0970, 33.8879, 98.1921



17.6308, 17.7014, 22.7374



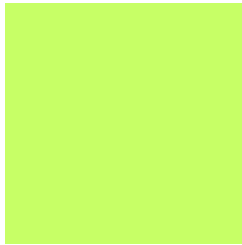
11.9575, 5.0748, 49.7839



1.2794, 0.5535, 4.8527

Previews

White Background



This preview shows how the XYZ color 61.7115, 84.6214, 25.6514 looks on a white background.

Color Contrast Check

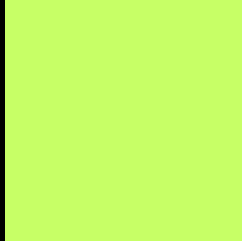
Large Text (above 18pt) WCAG AA × Fail

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 61.7115, 84.6214, 25.6514 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 61.7115, 84.6214, 25.6514

Background



This preview shows how black text looks on a background with the XYZ color 61.7115, 84.6214, 25.6514.



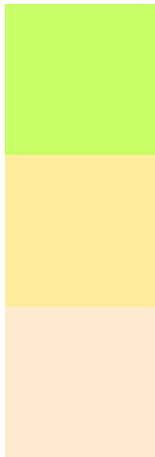
This preview shows how white text looks on a background with the XYZ color 61.7115, 84.6214,

25.6514.

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

61.7115, 84.6214, 25.6514

Protanopia

77.3213, 83.6852, 43.9759

Deuteranopia

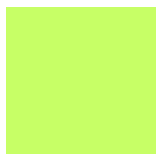
81.6414, 84.0428, 70.9504



Tritanopia

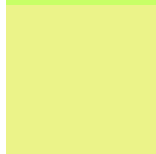
78.7353, 84.3252, 106.7343

Trichromacy



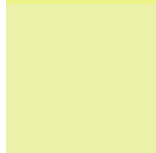
Original Color

61.7115, 84.6214, 25.6514



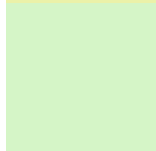
Protanomaly

70.8269, 83.5695, 36.0645



Deuteranomaly

72.8777, 83.4373, 49.8001



Tritanomaly

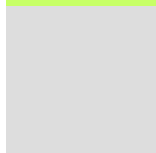
70.4018, 83.5745, 66.4537

Monochromacy



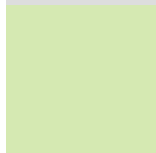
Original Color

61.7115, 84.6214, 25.6514



Achromatopsia

68.7264, 72.3055, 78.7407



Achromatomaly

64.6154, 75.6383, 53.3135

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.7115, 84.6214, 25.6514 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(199, 255, 102)` looks like.

```
.text, #text, p{  
    color:rgb(199, 255, 102)  
}
```

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(199, 255, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 255, 102) }
```

Border

The CSS property to change the border of an element to XYZ 61.7115, 84.6214, 25.6514 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(199, 255, 102) }
```


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

```
.border{ border-color:rgb(199, 255, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 255, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 255, 102); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 255, 102); box-shadow:4px 4px 4px 4px rgb(199, 255, 102) }
```

Background

The CSS property to change the background color of an element to XYZ 61.7115, 84.6214, 25.6514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 255, 102) }
```

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

```
.background{ background-color: rgb(199,  
255, 102) }
```

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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