

Converting Colors

XYZ(69.1707, 100.0000,
27.3859)

Have a look what the booklet for
XYZ(69.1707, 100.0000, 27.3859)
contains.

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Color

**XYZ(61.3008, 84.4266,
24.8695)**

Conversions

Conversions Part 1

Format	Color
Hex	C6FF63
RGB	198, 255, 99
RGB Percent	78%, 100%, 39%
CMY	0.2235, 0.0000, 0.6117
CMYK	0.22, 0.00, 0.61, 0.00
HSL	82°, 100%, 69%
HSV	82°, 61%, 100%
XYZ	61.3008, 84.4266, 24.8695
YIQ	220.1730, 16.1040, -60.6000

Conversions

Conversions Part 2

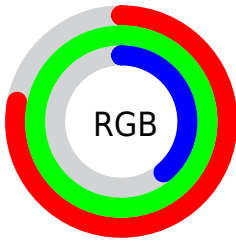
Format	Color
R_{YB}	99, 255, 156
Decimal	13041507
CIE _{Lab}	93.64, -40.57, 66.77
CIE _{LCh}	94, 78.131, 121.283
Yxy	84.4266, 0.3593, 0.4949
Android (android.graphics.Color)	4291231587 (0xFFC6FF63)
YUV	220.1730, -59.7383, -19.4457
Hunter-Lab	91.8839, -41.7098, 48.2712

Details

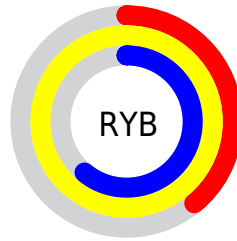
The XYZ color **61.3008, 84.4266, 24.8695** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **36.2236, 23.2131, 97.1791**, and the grayscale version is **68.5443, 72.1140, 78.5321**.

A 20% lighter version of the original color is **82.9164, 95.1466, 45.0053**, and **31.3755, 46.1101, 9.1659** is the 20% darker color. If you saturate the color by 10%, you get **57.8868, 82.7859, 19.3198**, and if you desaturate by 10%, it is **65.2510, 86.2992, 32.4550**.

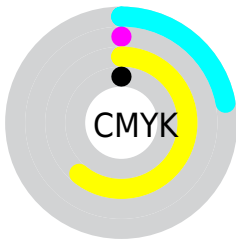
Distribution



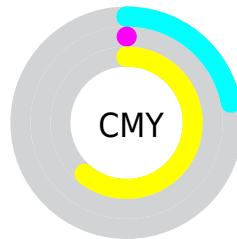
- Red (78%)
- Green (100%)
- Blue (39%)



- Red (39%)
- Yellow (100%)
- Blue (61%)



- Cyan (22%)
- Magenta (0%)
- Yellow (61%)
- Black (0%)





- Cyan (22%)
- Magenta (0%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.3008, 84.4266, 24.8695 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 61.3008, 84.4266, 24.8695 by changing the saturation by 10% instead.


 61.3008, 84.4266,
24.8695

 61.3008, 84.4266,
24.8695


419.1344,
509.7288, 290.6143

 44.7214, 63.3677,
15.7617


 105.8100,
139.5718, 52.4069


 31.4384, 46.1387,
9.2032


 134.4705,
174.4268, 71.6737

 21.0864, 32.3553,
4.7753


 167.8888,
214.6494, 95.1638

 13.3000, 21.6330,
2.0596

 206.4303,
260.6239, 123.2958

 7.7139, 13.5875,
0.5916

250.4602,
312.7347, 156.4884

 3.9627, 7.8343,
0.0000

300.3439,

 1.6810, 3.9891,

371.3662, 195.1599

0.0000

356.4469,
436.9027, 239.7290

0.4444, 1.6675,
0.0000

0.0000, 0.4025,
0.0000

61.3008, 84.4266,
24.8695

61.3008, 84.4266,
24.8695

57.8868, 82.7859,
19.3198

65.2510, 86.2992,
32.4550

54.9683, 81.3606,
15.6039


69.7723, 88.4180,
42.2452


52.4974, 80.1311,
13.4848


74.8967, 90.7961,
54.3959

50.6244, 79.1829,
12.6156

80.6535, 93.4455,
69.0473

 87.0695, 96.3772,
86.3289

 94.1700, 99.6016,
106.3613

 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.



79.3569, 84.4266, 18.5712



61.3008, 84.4266, 24.8695



50.1554, 84.4266, 47.3138

Triad

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



61.3008, 84.4266, 24.8695



62.6000, 84.4266, 232.5124



126.9763, 84.4266, 89.3971

Complementary

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



61.3008, 84.4266, 24.8695



36.2236, 23.2131, 97.1791

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.



120.4572, 84.4266, 158.2930



61.3008, 84.4266, 24.8695



81.1396, 84.4266, 259.4653

Square

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



61.3008, 84.4266, 24.8695



50.8098, 84.4266, 164.7303



102.7379, 84.4266, 227.8058



119.2925, 84.4266, 44.5307

Rectangle

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



61.3008, 84.4266, 24.8695



46.9822, 84.4266, 75.7106



102.7379, 84.4266, 227.8058



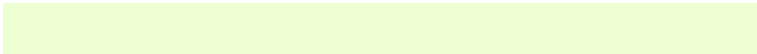
126.3666, 84.4266, 110.3061

Sweetspot

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



61.3010, 84.4267, 24.8707



82.6176, 94.3451, 74.2425



54.9826, 45.1414, 17.6209



17.2977, 20.0170, 14.8695



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.



61.3010, 84.4267, 24.8707



57.3184, 82.5102, 18.5109



46.0958, 76.5881, 24.1591



18.8799, 20.7395, 19.1524



26.6221, 41.4623, 6.5999



2.7122, 4.0990, 0.6482

Inverse Universe

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



36.2236, 23.2131, 97.1791



30.4640, 16.7651, 96.2381



55.6616, 33.2337, 98.0888



17.6297, 17.7008, 22.7374



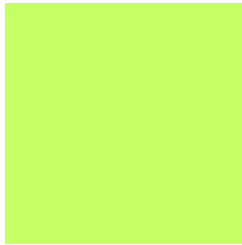
11.9488, 5.0703, 49.7835



1.2784, 0.5530, 4.8526

Previews

White Background



This preview shows how the XYZ color 61.3008, 84.4266, 24.8695 looks on a white background.

Color Contrast Check

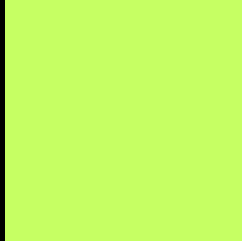
Large Text (above 18pt) WCAG AA × Fail

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 61.3008, 84.4266, 24.8695 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

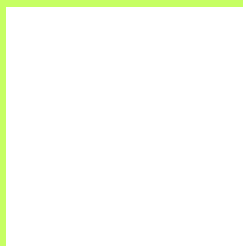
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.3008, 84.4266, 24.8695

Background



This preview shows how black text looks on a background with the XYZ color 61.3008, 84.4266, 24.8695.

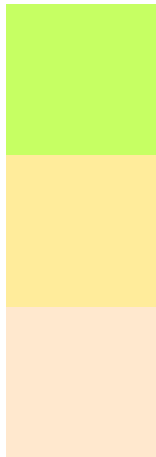


This preview shows how white text looks on a background with the XYZ color 61.3008, 84.4266,

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

61.3008, 84.4266, 24.8695

Protanopia

77.1518, 83.6175, 43.0838

Deuteranopia

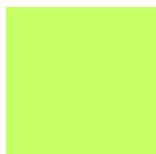
81.2372, 83.4295, 70.2144



Tritanopia

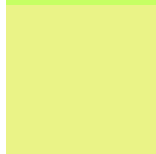
78.7353, 84.3252, 106.7343

Trichromacy



Original Color

61.3008, 84.4266, 24.8695



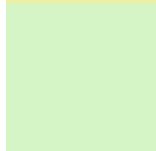
Protanomaly

70.3555, 83.3429, 35.3003



Deuteranomaly

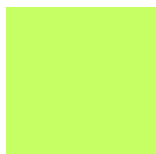
72.0668, 82.6026, 48.7048



Tritanomaly

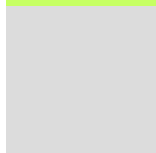
70.2860, 83.5282, 65.8442

Monochromacy



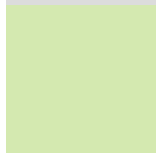
Original Color

61.3008, 84.4266, 24.8695



Achromatopsia

68.0267, 71.5694, 77.9390



Achromatomaly

64.1268, 75.4095, 52.2499

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3008, 84.4266, 24.8695 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(198, 255, 99)` looks like.

```
.text, #text, p{  
    color:rgb(198, 255, 99)  
}
```

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(198, 255, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 255, 99) }
```

Border

The CSS property to change the border of an element to XYZ 61.3008, 84.4266, 24.8695 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(198, 255, 99) }
```


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

```
.border{ border-color:rgb(198, 255, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 255, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 255, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 255, 99);  
box-shadow:4px 4px 4px 4px rgb(198, 255,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3008, 84.4266, 24.8695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 255, 99) }
```

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

```
.background{ background-color: rgb(198,  
255, 99) }
```

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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