

Converting Colors

XYZ(60.7215, 84.1300, 24.7502)

Have a look what the booklet for
XYZ(60.7215, 84.1300, 24.7502)
contains.

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Color

**XYZ(60.7771, 84.1566,
24.8449)**

Conversions

Conversions Part 1

Format	Color
Hex	C4FF63
RGB	196, 255, 99
RGB Percent	77%, 100%, 39%
CMY	0.2314, 0.0000, 0.6117
CMYK	0.23, 0.00, 0.61, 0.00
HSL	83°, 100%, 69%
HSV	83°, 61%, 100%
XYZ	60.7771, 84.1566, 24.8449
YIQ	219.5750, 14.9120, -61.0240

Conversions

Conversions Part 2

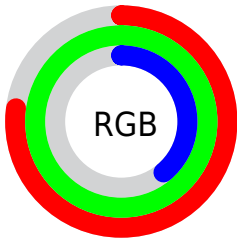
Format	Color
R_{YB}	99, 255, 158
Decimal	12910435
CIE _{Lab}	93.52, -41.30, 66.61
CIE _{LCh}	94, 78.375, 121.800
Yxy	84.1566, 0.3580, 0.4957
Android (android.graphics.Color)	4291100515 (0xFFC4FF63)
YUV	219.5750, -59.4435, -20.6753
Hunter-Lab	91.7369, -42.2806, 48.1585

Details

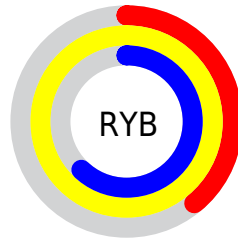
The XYZ color **60.7771, 84.1566, 24.8449** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **36.6137, 23.4141, 97.1974**, and the grayscale version is **68.1247, 71.6725, 78.0513**.

A 20% lighter version of the original color is **82.9164, 95.1466, 45.0053**, and **31.0415, 45.9379, 9.1503** is the 20% darker color. If you saturate the color by 10%, you get **57.3156, 82.4914, 19.2930**, and if you desaturate by 10%, it is **64.7851, 86.0590, 32.4330**.

Distribution



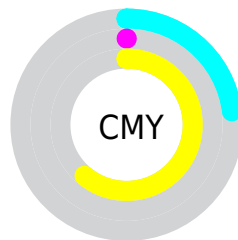
- Red (77%)
- Green (100%)
- Blue (39%)



- Red (39%)
- Yellow (100%)
- Blue (62%)



- Cyan (23%)
- Magenta (0%)
- Yellow (61%)
- Black (0%)




- Cyan (23%)
- Magenta (0%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.7771, 84.1566, 24.8449 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 60.7771, 84.1566, 24.8449 by changing the saturation by 10% instead.


 60.7771, 84.1566,
24.8449


 60.7771, 84.1566,
24.8449


417.2452,
508.8331, 290.4876

 44.2972, 63.1447,
15.7436


 105.0561,
139.1942, 52.3665


 31.1031, 45.9583,
9.1905


 133.5858,
173.9888, 71.6238

 20.8296, 32.2129,
4.7671

 166.8629,
214.1463, 95.1036

 13.1112, 21.5242,
2.0550

 205.2526,
260.0513, 123.2243

 7.5827, 13.5077,
0.5888

249.1203,
312.0880, 156.4045

 3.8787, 7.7791,
0.0000

298.8314,

 1.6337, 3.9539,

370.6410, 195.0628

0.0000

354.7513,
436.0946, 239.6176

■ 0.4142, 1.6478,
0.0000

■ 0.0000, 0.3895,
0.0000

■ 60.7771, 84.1566,
24.8449

■ 60.7771, 84.1566,
24.8449

■ 57.3156, 82.4914,
19.2930

■ 64.7851, 86.0590,
32.4330

■ 54.3593, 81.0466,
15.5753


■ 69.3747, 88.2130,
42.2265


■ 51.8601, 79.8026,
13.4550


■ 74.5781, 90.6319,
54.3808

■ 49.9699, 78.8455,
12.5850

■ 80.4249, 93.3277,
69.0364

 86.9423, 96.3117,
86.3227

 94.1558, 99.5943,
106.3604

 95.0500, 100.0000,
108.9000

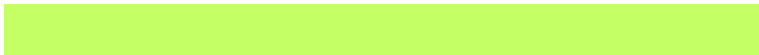
Harmonies

Analogous

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



78.7433, 84.1566, 18.3577



60.7771, 84.1566, 24.8449



49.7634, 84.1566, 47.5981

Triad

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



60.7771, 84.1566, 24.8449



62.6001, 84.1566, 233.4597



126.7832, 84.1566, 88.0944

Complementary

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



60.7771, 84.1566, 24.8449



36.6137, 23.4141, 97.1974

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.



120.4884, 84.1566, 156.8174



60.7771, 84.1566, 24.8449



81.2464, 84.1566, 259.5330

Square

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



60.7771, 84.1566, 24.8449



50.6811, 84.1566, 165.8687



102.8731, 84.1566, 226.8370



118.8513, 84.1566, 43.6980

Rectangle

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



60.7771, 84.1566, 24.8449



46.6800, 84.1566, 76.3029



102.8731, 84.1566, 226.8370



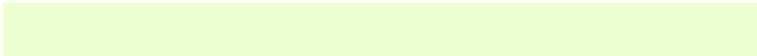
126.2569, 84.1566, 108.8884

Sweetspot

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



60.7773, 84.1567, 24.8461



82.4201, 94.2433, 74.2333



55.4149, 46.0060, 17.7649



17.2493, 19.9921, 14.8672



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.



60.7773, 84.1567, 24.8461



56.7395, 82.2118, 18.4838



45.7309, 76.4000, 24.1419



18.8566, 20.7275, 19.1513



26.2816, 41.2867, 6.5840



2.6804, 4.0826, 0.6467

Inverse Universe

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



36.6137, 23.4141, 97.1974



30.8590, 16.9688, 96.2566



56.5099, 33.6710, 98.1285



17.6522, 17.7125, 22.7384



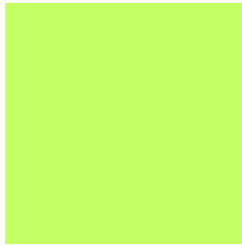
12.1290, 5.1632, 49.7919



1.2977, 0.5629, 4.8535

Previews

White Background



This preview shows how the XYZ color 60.7771, 84.1566, 24.8449 looks on a white background.

Color Contrast Check

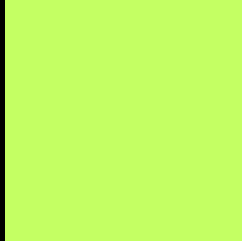
Large Text (above 18pt) WCAG AA × Fail

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 60.7771, 84.1566, 24.8449 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

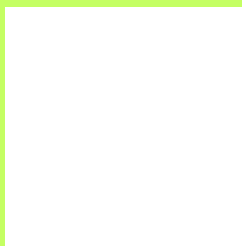
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.7771, 84.1566, 24.8449

Background



This preview shows how black text looks on a background with the XYZ color 60.7771, 84.1566, 24.8449.

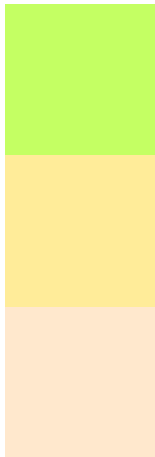


This preview shows how white text looks on a background with the XYZ color 60.7771, 84.1566,

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

60.7771, 84.1566, 24.8449

Protanopia

76.9852, 83.5508, 42.2064

Deuteranopia

81.1161, 83.3810, 69.5765



Tritanopia

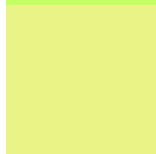
78.1299, 84.0131, 106.7060

Trichromacy



Original Color

60.7771, 84.1566, 24.8449



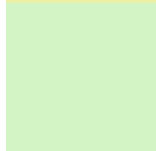
Protanomaly

70.2159, 83.2871, 34.5655



Deuteranomaly

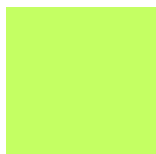
71.9747, 82.5658, 48.2197



Tritanomaly

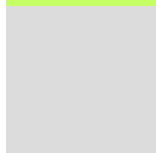
69.7094, 83.2309, 65.8172

Monochromacy



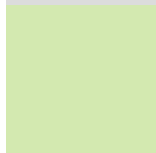
Original Color

60.7771, 84.1566, 24.8449



Achromatopsia

68.0267, 71.5694, 77.9390



Achromatomaly

63.8394, 75.2613, 52.2365

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.7771, 84.1566, 24.8449 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(196, 255, 99)` looks like.

```
.text, #text, p{  
    color:rgb(196, 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(196, 255, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 255, 99) }
```

Border

The CSS property to change the border of an element to XYZ 60.7771, 84.1566, 24.8449 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(196, 255, 99) }
```


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

```
.border{ border-color:rgb(196, 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(196, 255, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 255, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 255, 99);  
box-shadow:4px 4px 4px 4px rgb(196, 255,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 60.7771, 84.1566, 24.8449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 255, 99) }
```

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

```
.background{ background-color: rgb(196,  
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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