

Converting Colors

XYZ(60.3961, 83.9051, 27.3166)

Have a look what the booklet for
XYZ(60.3961, 83.9051, 27.3166)
contains.

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Color

**XYZ(60.4591, 83.9402,
27.2029)**

Conversions

Conversions Part 1

Format	Color
Hex	C1FF6C
RGB	193, 255, 108
RGB Percent	76%, 100%, 42%
CMY	0.2431, 0.0000, 0.5765
CMYK	0.24, 0.00, 0.58, 0.00
HSL	85°, 100%, 71%
HSV	85°, 58%, 100%
XYZ	60.4591, 83.9402, 27.2029
YIQ	219.7040, 10.2350, -58.8610

Conversions

Conversions Part 2

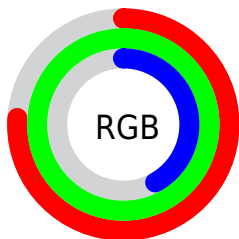
Format	Color
RYB	108, 255, 170
Decimal	12713836
CIELab	93.42, -41.65, 62.70
CIELCh	93, 75.271, 123.595
Yxy	83.9402, 0.3523, 0.4892
Android (android.graphics.Color)	4290903916 (0xFFC1FF6C)
YUV	219.7040, -55.0701, -23.4194
Hunter-Lab	91.6189, -42.5413, 46.5292

Details

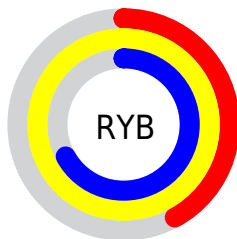
The XYZ color **60.4591, 83.9402, 27.2029** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **39.9915, 26.4926, 97.6135**, and the grayscale version is **68.1875, 71.7386, 78.1233**.

A 20% lighter version of the original color is **82.6057, 94.8958, 49.0849**, and **30.9673, 45.8703, 10.4705** is the 20% darker color. If you saturate the color by 10%, you get **56.6514, 82.1118, 20.9469**, and if you desaturate by 10%, it is **64.8634, 86.0302, 35.5602**.

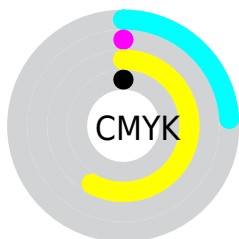
Distribution



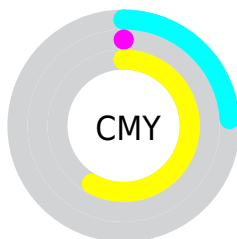
- Red (76%)
- Green (100%)
- Blue (42%)



- Red (42%)
- Yellow (100%)
- Blue (67%)



- Cyan (24%)
- Magenta (0%)
- Yellow (58%)
- Black (0%)





- Cyan (24%)
- Magenta (0%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.4591, 83.9402, 27.2029 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 60.4591, 83.9402, 27.2029 by changing the saturation by 10% instead.


 60.4591, 83.9402,
27.2029

 60.4591, 83.9402,
27.2029


416.0956,
508.1146, 302.4294


 44.0397, 62.9661,
17.4919


 104.5979,
138.8915, 56.2170


 30.8997, 45.8138,
10.4202


 133.0480,
173.6375, 76.3571

 20.6740, 32.0989,
5.5692


 166.2390,
213.7429, 100.8107

 12.9970, 21.4370,
2.5204

 204.5364,
259.5921, 129.9963

 7.5035, 13.4438,
0.8509

248.3053,
311.5694, 164.3324

 3.8280, 7.7349,
0.0000

297.9113,

 1.6053, 3.9258,

370.0594, 204.2376

0.0000

353.7196,
435.4463, 250.1304

0.3959, 1.6321,
0.0000

0.0000, 0.3791,
0.0000

60.4591, 83.9402,
27.2029

60.4591, 83.9402,
27.2029

56.6514, 82.1118,
20.9469

64.8634, 86.0302,
35.5602

53.3999, 80.5284,
16.6005

69.8992, 88.3965,
46.1810

50.6583, 79.1710,
13.9430

75.5991, 91.0522,
59.2154

48.3665, 78.0151,
12.6817

81.9926, 94.0099,
74.7998

■ 47.8727, 77.7643,
12.4869

■ 89.1076, 97.2810,
93.0604

95.0500, 100.0000,
108.9000

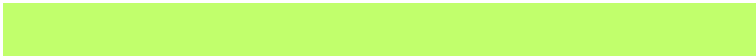
Harmonies

Analogous

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



77.4117, 83.9402, 19.9215



60.4591, 83.9402, 27.2029



50.2280, 83.9402, 50.8686

Triad

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



60.4591, 83.9402, 27.2029



63.9728, 83.9402, 228.5599



124.2986, 83.9402, 84.7082

Complementary

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



60.4591, 83.9402, 27.2029



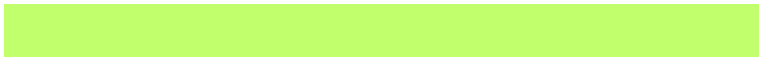
39.9915, 26.4926, 97.6135

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.



119.1176, 83.9402, 149.1882



60.4591, 83.9402, 27.2029



82.2015, 83.9402, 249.8175

Square

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



60.4591, 83.9402, 27.2029



52.0077, 83.9402, 166.2705



102.8387, 83.9402, 216.1552



116.0166, 83.9402, 43.2467

Rectangle

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



60.4591, 83.9402, 27.2029



47.5258, 83.9402, 79.7276



102.8387, 83.9402, 216.1552



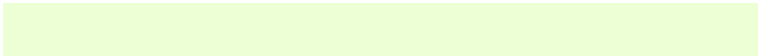
124.0792, 83.9402, 104.1521

Sweetspot

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



60.4593, 83.9402, 27.2041



82.4298, 94.2115, 75.8962



58.1820, 50.8128, 20.9299



17.3542, 20.0318, 15.5222



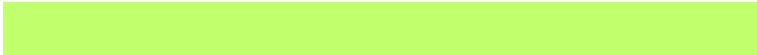
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



60.4593, 83.9402, 27.2041



56.1793, 81.8833, 20.2508



46.2480, 76.6140, 26.5390



18.7776, 20.6868, 19.1476



25.1887, 40.7233, 6.5328



2.5773, 4.0294, 0.6419

Inverse Universe

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



39.9915, 26.4926, 97.6135



34.0361, 19.6171, 96.6003



60.2891, 36.9563, 98.5634



17.7292, 17.7521, 22.7420



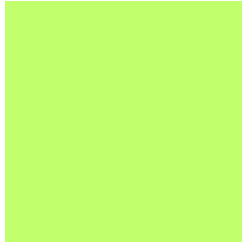
12.7963, 5.5072, 49.8231



1.3674, 0.5988, 4.8568

Previews

White Background



This preview shows how the XYZ color 60.4591, 83.9402, 27.2029 looks on a white background.

Color Contrast Check

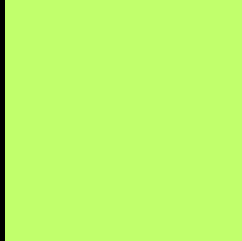
Large Text (above 18pt) WCAG AA × Fail

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 60.4591, 83.9402, 27.2029 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

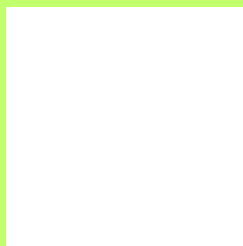
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.4591, 83.9402, 27.2029

Background



This preview shows how black text looks on a background with the XYZ color 60.4591, 83.9402, 27.2029.

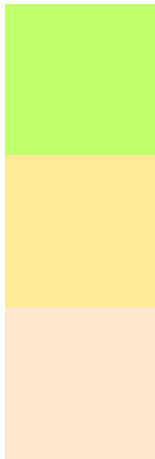


This preview shows how white text looks on a background with the XYZ color 60.4591, 83.9402,

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

60.4591, 83.9402, 27.2029

Protanopia

76.5342, 82.9110, 41.2478

Deuteranopia

81.1161, 83.3810, 69.5765



Tritanopia

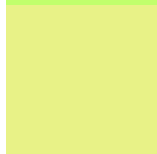
77.5318, 83.7047, 106.6780

Trichromacy



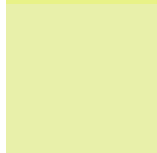
Original Color

60.4591, 83.9402, 27.2029



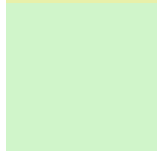
Protanomaly

69.4040, 82.4093, 35.1703



Deuteranomaly

71.6945, 82.3783, 50.1521



Tritanomaly

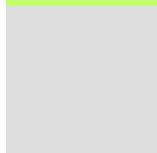
69.3255, 82.9790, 68.2398

Monochromacy



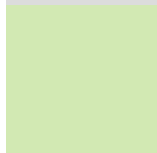
Original Color

60.4591, 83.9402, 27.2029



Achromatopsia

68.0267, 71.5694, 77.9390



Achromatomaly

63.8539, 75.2341, 53.8040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4591, 83.9402, 27.2029 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(193, 255, 108)` looks like.

```
.text, #text, p{  
    color:rgb(193, 255, 108)  
}
```

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(193, 255, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 255, 108) }
```

Border

The CSS property to change the border of an element to XYZ 60.4591, 83.9402, 27.2029 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(193, 255, 108) }
```


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

```
.border{ border-color:rgb(193, 255, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 255, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 255, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 255, 108);  
box-shadow:4px 4px 4px 4px rgb(193, 255,  
108) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4591, 83.9402, 27.2029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 255, 108) }
```

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

```
.background{ background-color: rgb(193,  
255, 108) }
```

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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