

Converting Colors

XYZ(60.3555, 83.9218, 25.5893)

Have a look what the booklet for
XYZ(60.3555, 83.9218, 25.5893)
contains.

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Color

**XYZ(60.4064, 83.9486,
25.5903)**

Conversions

Conversions Part 1

Format	Color
Hex	C2FF66
RGB	194, 255, 102
RGB Percent	76%, 100%, 40%
CMY	0.2392, 0.0000, 0.6000
CMYK	0.24, 0.00, 0.60, 0.00
HSL	84°, 100%, 70%
HSV	84°, 60%, 100%
XYZ	60.4064, 83.9486, 25.5903
YIQ	219.3190, 12.7570, -60.5150

Conversions

Conversions Part 2

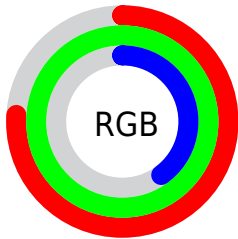
Format	Color
RYB	102, 255, 163
Decimal	12779366
CIELab	93.43, -41.79, 65.24
CIELCh	93, 77.480, 122.639
Yxy	83.9486, 0.3554, 0.4940
Android (android.graphics.Color)	4290969446 (0xFFC2FF66)
YUV	219.3190, -57.8383, -22.2048
Hunter-Lab	91.6235, -42.6579, 47.5768

Details

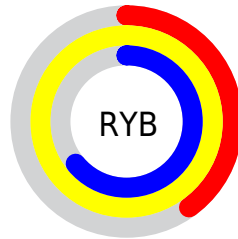
The XYZ color **60.4064, 83.9486, 25.5903** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **37.9070, 24.5106, 97.3408**, and the grayscale version is **67.9363, 71.4743, 77.8355**.

A 20% lighter version of the original color is **82.4396, 94.8713, 46.3147**, and **30.8020, 45.8043, 9.6005** is the 20% darker color. If you saturate the color by 10%, you get **56.8093, 82.2186, 19.8054**, and if you desaturate by 10%, it is **64.5713, 85.9265, 33.4337**.

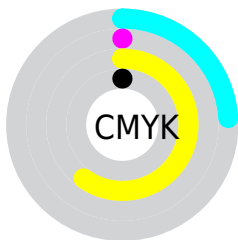
Distribution



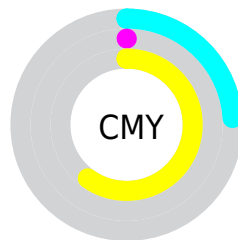
- Red (76%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (64%)



- Cyan (24%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)





- Cyan (24%)
- Magenta (0%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.4064, 83.9486, 25.5903 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 60.4064, 83.9486, 25.5903 by changing the saturation by 10% instead.


 60.4064, 83.9486,
25.5903


 60.4064, 83.9486,
25.5903


415.9049,
508.1425, 294.3063


 43.9970, 62.9730,
16.2944


 104.5220,
138.9033, 53.5892


 30.8661, 45.8194,
9.5761


 132.9589,
173.6511, 73.1293

 20.6482, 32.1033,
5.0169


 166.1356,
213.7585, 96.9211

 12.9781, 21.4404,
2.1983

 204.4176,
259.6099, 125.3833

 7.4904, 13.4463,
0.6734

248.1702,
311.5896, 158.9344

 3.8196, 7.7366,
0.0000

297.7587,

 1.6006, 3.9269,

370.0820, 197.9929

0.0000

353.5485,
435.4715, 242.9773

0.3928, 1.6327,
0.0000

0.0000, 0.3795,
0.0000

60.4064, 83.9486,
25.5903

60.4064, 83.9486,
25.5903

56.8093, 82.2186,
19.8054

64.5713, 85.9265,
33.4337

53.7389, 80.7194,
15.8806


69.3392, 88.1665,
43.5022


51.1476, 79.4317,
13.5846

74.7426, 90.6821,
55.9496

48.9596, 78.3247,
12.5379

80.8110, 93.4855,
70.9149

 48.9593, 78.3245,
12.5377

 87.5720, 96.5881,
88.5264

95.0500, 100.0000,
108.9000

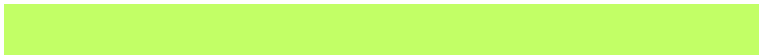
Harmonies

Analogous

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



77.9936, 83.9486, 18.7508



60.4064, 83.9486, 25.5903



49.7156, 83.9486, 48.8042

Triad

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



60.4064, 83.9486, 25.5903



63.0492, 83.9486, 232.3325



125.8677, 83.9486, 86.3175

Complementary

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



60.4064, 83.9486, 25.5903



37.9070, 24.5106, 97.3408

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.



120.0552, 83.9486, 153.5437



60.4064, 83.9486, 25.5903



81.6151, 83.9486, 256.3565

Square

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



60.4064, 83.9486, 25.5903



51.0483, 83.9486, 166.5891



102.9327, 83.9486, 222.8074



117.6933, 83.9486, 43.1282

Rectangle

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



60.4064, 83.9486, 25.5903



46.8019, 83.9486, 77.7243



102.9327, 83.9486, 222.8074



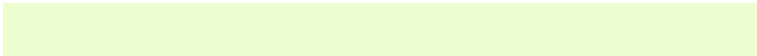
125.4855, 83.9486, 106.6053

Sweetspot

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



60.4066, 83.9487, 25.5915



82.1058, 94.0812, 74.2186



56.3228, 47.5879, 18.7884



17.1724, 19.9524, 14.8636



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.



60.4066, 83.9487, 25.5915



56.1539, 81.9006, 18.8775



45.8840, 76.4620, 24.9119



18.8194, 20.7083, 19.1496



25.7553, 41.0154, 6.5593



2.6310, 4.0571, 0.6444

Inverse Universe

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



37.9070, 24.5106, 97.3408



31.9359, 17.7612, 96.3528



57.7771, 34.7541, 98.2708



17.6884, 17.7311, 22.7401



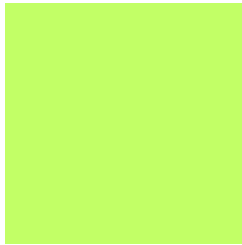
12.4321, 5.3195, 49.8061



1.3296, 0.5793, 4.8550

Previews

White Background



This preview shows how the XYZ color 60.4064, 83.9486, 25.5903 looks on a white background.

Color Contrast Check

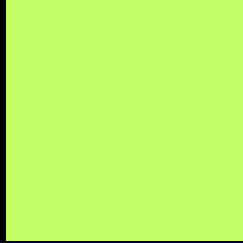
Large Text (above 18pt) WCAG AA × Fail

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 60.4064, 83.9486, 25.5903 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

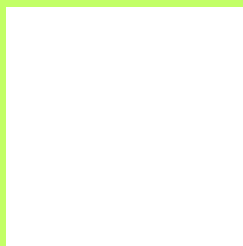
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.4064, 83.9486, 25.5903

Background



This preview shows how black text looks on a background with the XYZ color 60.4064, 83.9486, 25.5903.

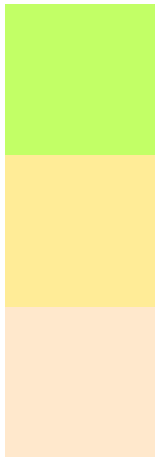


This preview shows how white text looks on a background with the XYZ color 60.4064, 83.9486,

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

60.4064, 83.9486, 25.5903

Protanopia

76.8214, 83.4853, 41.3435

Deuteranopia

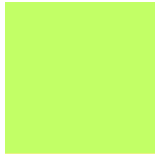
80.9957, 83.3329, 68.9427



Tritanopia

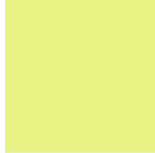
77.5318, 83.7047, 106.6780

Trichromacy



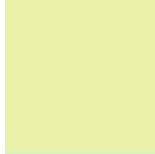
Original Color

60.4064, 83.9486, 25.5903



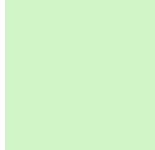
Protanomaly

69.8885, 83.1183, 34.5502



Deuteranomaly

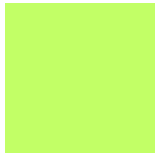
71.7394, 82.4338, 48.6895



Tritanomaly

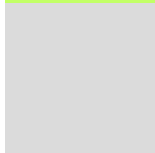
69.2557, 82.9836, 66.4001

Monochromacy



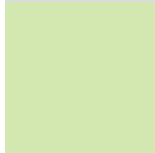
Original Color

60.4064, 83.9486, 25.5903



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

63.2714, 74.5495, 52.1290

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4064, 83.9486, 25.5903 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(194, 255, 102)` looks like.

```
.text, #text, p{  
    color:rgb(194, 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(194, 255, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 255, 102) }
```

Border

The CSS property to change the border of an element to XYZ 60.4064, 83.9486, 25.5903 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(194, 255, 102) }
```


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

```
.border{ border-color:rgb(194, 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(194, 255, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 255, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 255, 102);  
box-shadow:4px 4px 4px 4px rgb(194, 255,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4064, 83.9486, 25.5903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 255, 102) }
```

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

```
.background{ background-color: rgb(194,  
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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