

Converting Colors

XYZ(61.0964, 85.2715, 22.3345)

Have a look what the booklet for
XYZ(61.0964, 85.2715, 22.3345)
contains.

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Color

**XYZ(60.5063, 84.0784,
22.0566)**

Conversions

Conversions Part 1

Format	Color
Hex	C5FF57
RGB	197, 255, 87
RGB Percent	77%, 100%, 34%
CMY	0.2275, 0.0000, 0.6588
CMYK	0.23, 0.00, 0.66, 0.00
HSL	81°, 100%, 67%
HSV	81°, 66%, 100%
XYZ	60.5063, 84.0784, 22.0566
YIQ	218.5060, 19.3600, -64.5440

Conversions

Conversions Part 2

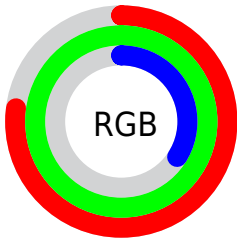
Format	Color
R _Y B	87, 255, 145
Decimal	12975959
CIE Lab	93.48, -41.80, 71.31
CIE LCh	93, 82.653, 120.376
Yxy	84.0784, 0.3631, 0.5045
Android (android.graphics.Color)	4291166039 (0xFFC5FF57)
YUV	218.5060, -64.8325, -18.8608
Hunter-Lab	91.6943, -42.6782, 49.9241

Details

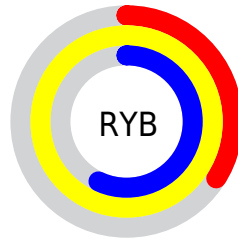
The XYZ color **60.5063, 84.0784, 22.0566** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **33.1367, 20.0576, 96.7327**, and the grayscale version is **67.4148, 70.9256, 77.2380**.

A 20% lighter version of the original color is **82.0340, 94.7936, 40.3589**, and **30.9427, 45.9176, 7.7624** is the 20% darker color. If you saturate the color by 10%, you get **57.4034, 82.5787, 17.4004**, and if you desaturate by 10%, it is **64.1120, 85.7949, 28.6583**.

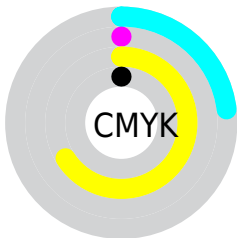
Distribution



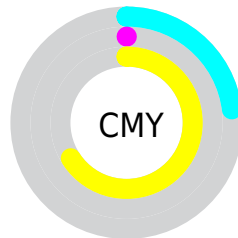
- Red (77%)
- Green (100%)
- Blue (34%)



- Red (34%)
- Yellow (100%)
- Blue (57%)



- Cyan (23%)
- Magenta (0%)
- Yellow (66%)
- Black (0%)




- Cyan (23%)
- Magenta (0%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.5063, 84.0784, 22.0566 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 60.5063, 84.0784, 22.0566 by changing the saturation by 10% instead.


 60.5063, 84.0784,
22.0566


 60.5063, 84.0784,
22.0566


416.2664,
508.5736, 275.8049


 44.0779, 63.0802,
13.6998


 104.6659,
139.0848, 47.7429


 30.9299, 45.9061,
7.7758


 133.1279,
173.8618, 65.9095

 20.6970, 32.1717,
3.8661

 166.3317,
214.0005, 88.1831

 13.0139, 21.4927,
1.5522

 204.6427,
259.8854, 114.9822

 7.5152, 13.4846,
0.2564

248.4264,
311.9007, 146.7254

 3.8355, 7.7631,
0.0000

298.0479,

 1.6095, 3.9437,

370.4309, 183.8312

0.0000

353.8728,
435.8604, 226.7182

■ 0.3986, 1.6421,
0.0000

■ 0.0000, 0.3858,
0.0000

■ 60.5063, 84.0784,
22.0566

■ 60.5063, 84.0784,
22.0566

■ 57.4034, 82.5787,
17.4004

■ 64.1120, 85.7949,
28.6583

■ 54.7597, 81.2779,
14.4716

■ 68.2571, 87.7429,
37.3855

■ 52.5226, 80.1548,
13.0050

■ 72.9747, 89.9359,
48.4016

■ 51.6881, 79.7313,
12.6654

■ 78.2946, 92.3863,
61.8531

■ 84.2445, 95.1051,
77.8744

■ 90.8500, 98.1030,
96.5900

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.



79.6388, 84.0784, 16.2633



60.5063, 84.0784, 22.0566



48.6886, 84.0784, 44.0421

Triad

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



60.5063, 84.0784, 22.0566



60.9035, 84.0784, 240.9183



129.6852, 84.0784, 90.7604

Complementary

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



60.5063, 84.0784, 22.0566



33.1367, 20.0576, 96.7327

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.



122.2537, 84.0784, 164.7828



60.5063, 84.0784, 22.0566



80.1898, 84.0784, 272.1339

Square

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



60.5063, 84.0784, 22.0566



48.8869, 84.0784, 166.8132



103.0826, 84.0784, 239.4176



121.8883, 84.0784, 43.2084

Rectangle

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



60.5063, 84.0784, 22.0566



45.2530, 84.0784, 72.8785



103.0826, 84.0784, 239.4176



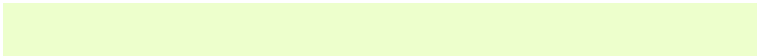
128.8721, 84.0784, 113.1590

Sweetspot

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



60.5065, 84.0785, 22.0578



81.7152, 93.9518, 70.9544



52.7836, 41.5943, 14.2645



17.1346, 19.9469, 14.2319



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.



60.5065, 84.0785, 22.0578



56.5315, 82.1524, 16.3124



44.5514, 75.8534, 21.3111



18.9167, 20.7585, 19.1541



27.1751, 41.7474, 6.6258



2.7636, 4.1254, 0.6506

Inverse Universe

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



33.1367, 20.0576, 96.7327



27.5311, 14.0350, 95.8657



53.1375, 30.3684, 97.6688



17.5943, 17.6826, 22.7357



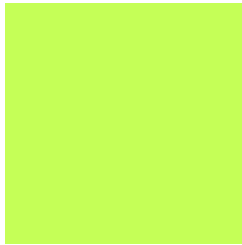
11.6802, 4.9319, 49.7709



1.2494, 0.5380, 4.8513

Previews

White Background



This preview shows how the XYZ color 60.5063, 84.0784, 22.0566 looks on a white background.

Color Contrast Check

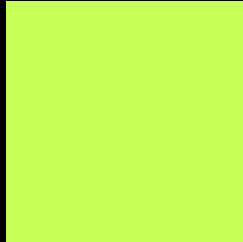
Large Text (above 18pt) WCAG AA × Fail

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 60.5063, 84.0784, 22.0566 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

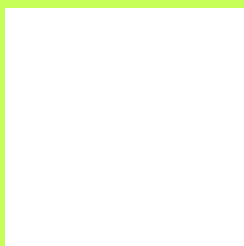
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.5063, 84.0784, 22.0566

Background



This preview shows how black text looks on a background with the XYZ color 60.5063, 84.0784, 22.0566.

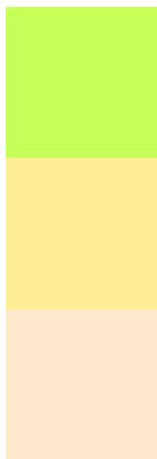


This preview shows how white text looks on a background with the XYZ color 60.5063, 84.0784,

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

60.5063, 84.0784, 22.0566

Protanopia

76.8214, 83.4853, 41.3435

Deuteranopia

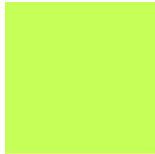
80.9957, 83.3329, 68.9427



Tritanopia

78.1397, 83.5847, 106.6228

Trichromacy



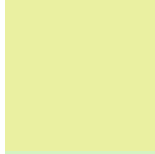
Original Color

60.5063, 84.0784, 22.0566



Protanomaly

69.8786, 83.1521, 32.7890



Deuteranomaly

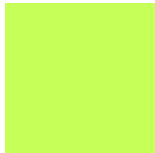
71.5248, 82.3858, 45.8505



Tritanomaly

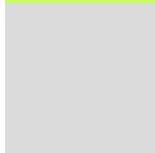
69.2397, 82.5935, 63.3318

Monochromacy



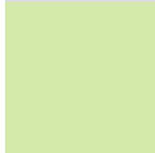
Original Color

60.5063, 84.0784, 22.0566



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

63.0713, 74.5024, 49.5843

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5063, 84.0784, 22.0566 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(197, 255, 87)` looks like.

```
.text, #text, p{  
    color:rgb(197, 255, 87)  
}
```

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(197, 255, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 255, 87) }
```

Border

The CSS property to change the border of an element to XYZ 60.5063, 84.0784, 22.0566 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(197, 255, 87) }
```


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

```
.border{ border-color:rgb(197, 255, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 255, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 255, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 255, 87);  
box-shadow:4px 4px 4px 4px rgb(197, 255,  
87) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5063, 84.0784, 22.0566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 255, 87) }
```

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

```
.background{ background-color: rgb(197,  
255, 87) }
```

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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