

Converting Colors

XYZ(61.2578, 85.4765, 22.4209)

Have a look what the booklet for
XYZ(61.2578, 85.4765, 22.4209)
contains.

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Color

**XYZ(60.5474, 84.0949,
22.2733)**

Conversions

Conversions Part 1

Format	Color
Hex	C5FF58
RGB	197, 255, 88
RGB Percent	77%, 100%, 35%
CMY	0.2275, 0.0000, 0.6549
CMYK	0.23, 0.00, 0.65, 0.00
HSL	81°, 100%, 67%
HSV	81°, 65%, 100%
XYZ	60.5474, 84.0949, 22.2733
YIQ	218.6200, 19.0390, -64.2330

Conversions

Conversions Part 2

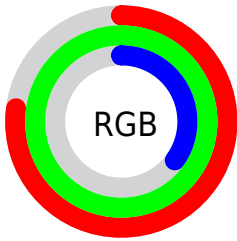
Format	Color
R _Y B	88, 255, 146
Decimal	12975960
CIE Lab	93.49, -41.73, 70.94
CIE LCh	93, 82.299, 120.467
Yxy	84.0949, 0.3627, 0.5038
Android (android.graphics.Color)	4291166040 (0xFFC5FF58)
YUV	218.6200, -64.3957, -18.9607
Hunter-Lab	91.7033, -42.6255, 49.7917

Details

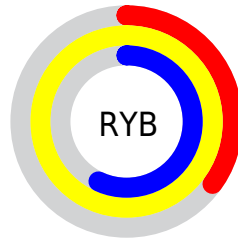
The XYZ color **60.5474, 84.0949, 22.2733** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **33.3953, 20.3119, 96.7682**, and the grayscale version is **67.4911, 71.0058, 77.3254**.

A 20% lighter version of the original color is **82.1108, 94.8243, 40.7633**, and **30.9678, 45.9276, 7.8946** is the 20% darker color. If you saturate the color by 10%, you get **57.4177, 82.5829, 17.5444**, and if you desaturate by 10%, it is **64.1829, 85.8249, 28.9555**.

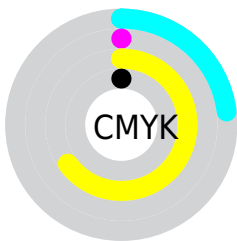
Distribution



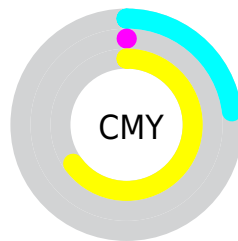
- Red (77%)
- Green (100%)
- Blue (35%)



- Red (35%)
- Yellow (100%)
- Blue (57%)



- Cyan (23%)
- Magenta (0%)
- Yellow (65%)
- Black (0%)





- Cyan (23%)
- Magenta (0%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.5474, 84.0949, 22.2733 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 60.5474, 84.0949, 22.2733 by changing the saturation by 10% instead.


 60.5474, 84.0949,
22.2733

 60.5474, 84.0949,
22.2733


416.4150,
508.6283, 276.9701


 44.1112, 63.0938,
13.8576


 104.7252,
139.1079, 48.1053


 30.9562, 45.9171,
7.8841


 133.1974,
173.8886, 66.3586

 20.7172, 32.1804,
3.9342


 166.4123,
214.0313, 88.7283

 13.0287, 21.4993,
1.5893

 204.7353,
259.9204, 115.6328

 7.5254, 13.4895,
0.2832

248.5317,
311.9402, 147.4907

 3.8421, 7.7665,
0.0000

298.1669,

 1.6132, 3.9459,

370.4752, 184.7205

0.0000

354.0062,
435.9098, 227.7408

■ 0.4010, 1.6433,
0.0000

■ 0.0000, 0.3866,
0.0000

■ 60.5474, 84.0949,
22.2733

■ 60.5474, 84.0949,
22.2733

■ 57.4177, 82.5829,
17.5444

■ 64.1829, 85.8249,
28.9555

■ 54.7507, 81.2715,
14.5520

■ 68.3607, 87.7879,
37.7700

■ 52.4940, 80.1394,
13.0339

■ 73.1138, 89.9972,
48.8795

■ 51.5769, 79.6739,
12.6602

■ 78.4721, 92.4652,
62.4300

■ 84.4631, 95.2029,
78.5554

■ 91.1123, 98.2210,
97.3798

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.



79.5896, 84.0949, 16.4326



60.5474, 84.0949, 22.2733



48.7887, 84.0949, 44.3111

Triad

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



60.5474, 84.0949, 22.2733



61.0388, 84.0949, 240.2789



129.4582, 84.0949, 90.5933

Complementary

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



60.5474, 84.0949, 22.2733



33.3953, 20.3119, 96.7682

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.



122.1106, 84.0949, 164.1899



60.5474, 84.0949, 22.2733



80.2707, 84.0949, 271.1057

Square

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



60.5474, 84.0949, 22.2733



49.0342, 84.0949, 166.6957



103.0612, 84.0949, 238.4283



121.6595, 84.0949, 43.2780

Rectangle

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



60.5474, 84.0949, 22.2733



45.3775, 84.0949, 73.1286



103.0612, 84.0949, 238.4283



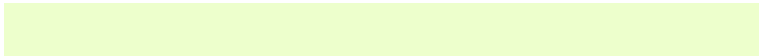
128.6653, 84.0949, 112.8657

Sweetspot

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



60.5475, 84.0949, 22.2745



81.6799, 93.9335, 70.9527



52.9251, 41.8115, 14.5147



17.1261, 19.9425, 14.2315



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.



60.5475, 84.0949, 22.2745



56.4307, 82.1005, 16.3076



44.7026, 75.9266, 21.5330



18.9129, 20.7565, 19.1539



27.1173, 41.7176, 6.6231



2.7582, 4.1227, 0.6504

Inverse Universe

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



33.3953, 20.3119, 96.7682



27.5909, 14.0659, 95.8685



53.2716, 30.5585, 97.6984



17.5980, 17.6845, 22.7359



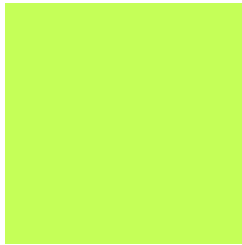
11.7070, 4.9457, 49.7722



1.2523, 0.5395, 4.8514

Previews

White Background



This preview shows how the XYZ color 60.5474, 84.0949, 22.2733 looks on a white background.

Color Contrast Check

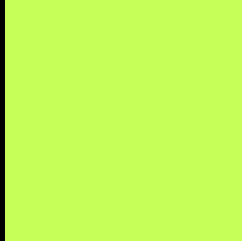
Large Text (above 18pt) WCAG AA × Fail

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 60.5474, 84.0949, 22.2733 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 60.5474, 84.0949, 22.2733

Background



This preview shows how black text looks on a background with the XYZ color 60.5474, 84.0949, 22.2733.

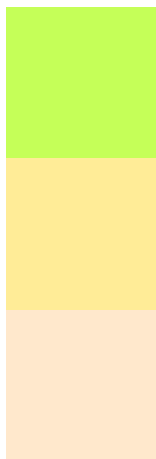


This preview shows how white text looks on a background with the XYZ color 60.5474, 84.0949,

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

60.5474, 84.0949, 22.2733

Protanopia

76.8214, 83.4853, 41.3435

Deuteranopia

80.9957, 83.3329, 68.9427



Tritanopia

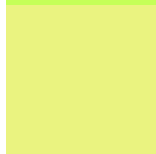
78.1397, 83.5847, 106.6228

Trichromacy



Original Color

60.5474, 84.0949, 22.2733



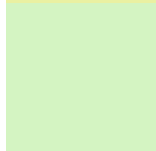
Protanomaly

69.8786, 83.1521, 32.7890



Deuteranomaly

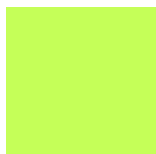
71.6134, 82.4212, 46.3169



Tritanomaly

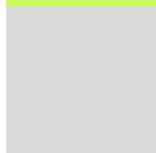
69.2397, 82.5935, 63.3318

Monochromacy



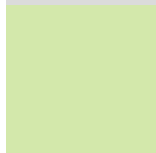
Original Color

60.5474, 84.0949, 22.2733



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 60.5474, 84.0949, 22.2733 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, 88)` looks like.

```
.text, #text, p{  
    color:rgb(197, 255, 88)  
}
```

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, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 255, 88) }
```

Border

The CSS property to change the border of an element to XYZ 60.5474, 84.0949, 22.2733 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, 88) }
```


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

```
.border{ border-color:rgb(197, 255, 88) }
```

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, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 255, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 255, 88);  
box-shadow:4px 4px 4px 4px rgb(197, 255,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5474, 84.0949, 22.2733 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, 88) }
```

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

```
.background{ background-color: rgb(197,  
255, 88) }
```

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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