

Converting Colors

XYZ(61.7631, 86.0640, 22.5936)

Have a look what the booklet for
XYZ(61.7631, 86.0640, 22.5936)
contains.

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Color

**XYZ(60.8102, 84.2303,
22.2856)**

Conversions

Conversions Part 1

Format	Color
Hex	C6FF58
RGB	198, 255, 88
RGB Percent	78%, 100%, 35%
CMY	0.2235, 0.0000, 0.6549
CMYK	0.22, 0.00, 0.65, 0.00
HSL	80°, 100%, 67%
HSV	80°, 65%, 100%
XYZ	60.8102, 84.2303, 22.2856
YIQ	218.9190, 19.6350, -64.0210

Conversions

Conversions Part 2

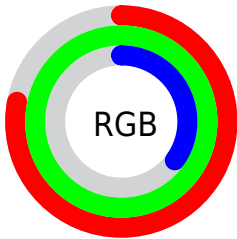
Format	Color
R_{YB}	88, 255, 145
Decimal	13041496
CIE _{Lab}	93.55, -41.36, 71.02
CIE _{LCh}	94, 82.182, 120.217
Yxy	84.2303, 0.3634, 0.5034
Android (android.graphics.Color)	4291231576 (0xFFC6FF58)
YUV	218.9190, -64.5431, -18.3460
Hunter-Lab	91.7771, -42.3383, 49.8470

Details

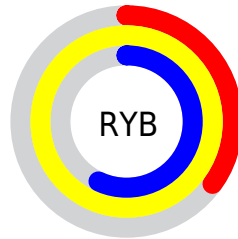
The XYZ color **60.8102, 84.2303, 22.2856** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **33.2182, 20.2206, 96.7599**, and the grayscale version is **67.6997, 71.2253, 77.5644**.

A 20% lighter version of the original color is **82.1108, 94.8243, 40.7633**, and **31.1356, 46.0141, 7.9024** is the 20% darker color. If you saturate the color by 10%, you get **57.7032, 82.7301, 17.5577**, and if you desaturate by 10%, it is **64.4186, 85.9465, 28.9666**.

Distribution



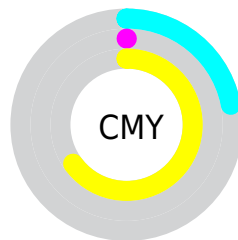
- Red (78%)
- Green (100%)
- Blue (35%)



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



- Cyan (22%)
- Magenta (0%)
- Yellow (65%)
- Black (0%)





- Cyan (22%)
- Magenta (0%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.8102, 84.2303, 22.2856 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 60.8102, 84.2303, 22.2856 by changing the saturation by 10% instead.


 60.8102, 84.2303,
22.2856


 60.8102, 84.2303,
22.2856


417.3648,
509.0777, 277.0361


 44.3240, 63.2056,
13.8666


 105.1037,
139.2973, 48.1258


 31.1243, 46.0076,
7.8902


 133.6418,
174.1084, 66.3841

 20.8458, 32.2518,
3.9380


 166.9278,
214.2837, 88.7592

 13.1231, 21.5539,
1.5914

 205.3271,
260.2076, 115.6697

 7.5910, 13.5295,
0.2847

249.2051,
312.2646, 147.5341

 3.8840, 7.7941,
0.0000

298.9271,

 1.6367, 3.9635,

370.8390, 184.7709

0.0000

354.8586,
436.3152, 227.7988

0.4161, 1.6532,
0.0000

0.0000, 0.3931,
0.0000

60.8102, 84.2303,
22.2856

60.8102, 84.2303,
22.2856

57.7032, 82.7301,
17.5577

64.4186, 85.9465,
28.9666

55.0546, 81.4281,
14.5663

68.5648, 87.8931,
37.7796

52.8121, 80.3034,
13.0488

73.2817, 90.0838,
48.8874

51.9002, 79.8406,
12.6753

78.5990, 92.5306,
62.4360

84.5440, 95.2446,
78.5593

91.1424, 98.2365,
97.3813

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.



79.9001, 84.2303, 16.5330



60.8102, 84.2303, 22.2856



48.9836, 84.2303, 44.1750

Triad

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



60.8102, 84.2303, 22.2856



61.0389, 84.2303, 239.7865



129.5548, 84.2303, 91.2596

Complementary

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



60.8102, 84.2303, 22.2856



33.2182, 20.2206, 96.7599

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.



122.0930, 84.2303, 164.9521



60.8102, 84.2303, 22.2856



80.2169, 84.2303, 271.0636

Square

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



60.8102, 84.2303, 22.2856



49.0979, 84.2303, 166.1168



102.9918, 84.2303, 238.9267



121.8833, 84.2303, 43.6940

Rectangle

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



60.8102, 84.2303, 22.2856



45.5271, 84.2303, 72.8383



102.9918, 84.2303, 238.9267



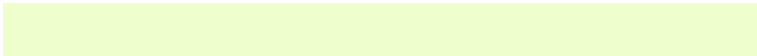
128.7192, 84.2303, 113.5942

Sweetspot

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



60.8104, 84.2304, 22.2868



81.7822, 93.9863, 70.9575



52.9251, 41.8115, 14.5147



17.1507, 19.9552, 14.2326



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.



60.8104, 84.2304, 22.2868



56.7232, 82.2512, 16.3213



44.7026, 75.9266, 21.5330



18.9238, 20.7622, 19.1544



27.2852, 41.8041, 6.6309



2.7738, 4.1307, 0.6511

Inverse Universe

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



33.2182, 20.2206, 96.7599



27.4184, 13.9769, 95.8604



53.2716, 30.5585, 97.6984



17.5875, 17.6791, 22.7354



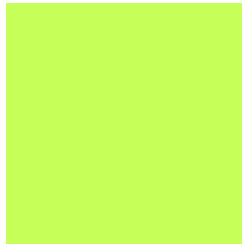
11.6300, 4.9060, 49.7686



1.2439, 0.5352, 4.8510

Previews

White Background



This preview shows how the XYZ color 60.8102, 84.2303, 22.2856 looks on a white background.

Color Contrast Check

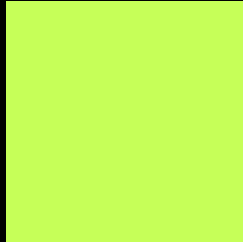
Large Text (above 18pt) WCAG AA × Fail

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 60.8102, 84.2303, 22.2856 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 60.8102, 84.2303, 22.2856

Background



This preview shows how black text looks on a background with the XYZ color 60.8102, 84.2303, 22.2856.

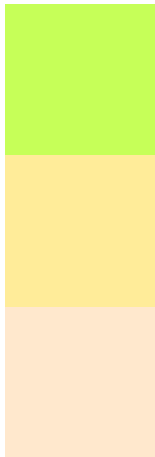


This preview shows how white text looks on a background with the XYZ color 60.8102, 84.2303,

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

60.8102, 84.2303, 22.2856

Protanopia

76.9852, 83.5508, 42.2064

Deuteranopia

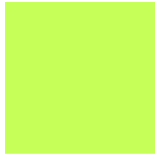
81.1161, 83.3810, 69.5765



Tritanopia

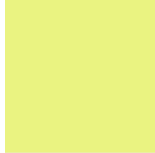
78.1397, 83.5847, 106.6228

Trichromacy



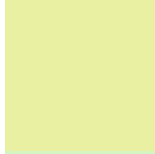
Original Color

60.8102, 84.2303, 22.2856



Protanomaly

69.9447, 83.1786, 33.1375



Deuteranomaly

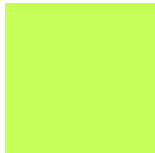
71.6134, 82.4212, 46.3169



Tritanomaly

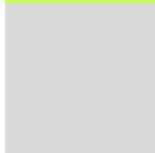
69.2397, 82.5935, 63.3318

Monochromacy



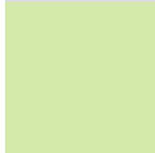
Original Color

60.8102, 84.2303, 22.2856



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 60.8102, 84.2303, 22.2856 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(198, 255, 88)` looks like.

```
.text, #text, p{  
    color:rgb(198, 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(198, 255, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 255, 88) }
```

Border

The CSS property to change the border of an element to XYZ 60.8102, 84.2303, 22.2856 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(198, 255, 88) }
```


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

```
.border{ border-color:rgb(198, 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(198, 255, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 255, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 255, 88);  
box-shadow:4px 4px 4px 4px rgb(198, 255,  
88) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8102, 84.2303, 22.2856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 255, 88) }
```

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

```
.background{ background-color: rgb(198,  
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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