

Converting Colors

XYZ(57.7959, 81.3872, 16.5603)

Have a look what the booklet for
XYZ(57.7959, 81.3872, 16.5603)
contains.

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Color

**XYZ(57.7971, 81.3855,
16.5337)**

Conversions

Conversions Part 1

Format	Color
Hex	C2FC39
RGB	194, 252, 57
RGB Percent	76%, 99%, 22%
CMY	0.2392, 0.0117, 0.7764
CMYK	0.23, 0.00, 0.77, 0.01
HSL	78°, 97%, 61%
HSV	78°, 77%, 99%
XYZ	57.7971, 81.3855, 16.5337
YIQ	212.4280, 28.0270, -72.9410

Conversions

Conversions Part 2

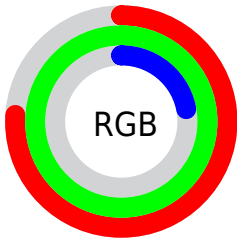
Format	Color
RYB	57, 252, 115
Decimal	12778553
CIELab	92.30, -43.22, 80.03
CIElCh	92, 90.954, 118.372
Yxy	81.3855, 0.3712, 0.5227
Android (android.graphics.Color)	4290968633 (0xFFC2FC39)
YUV	212.4280, -76.6260, -16.1614
Hunter-Lab	90.2139, -43.5152, 52.2835

Details

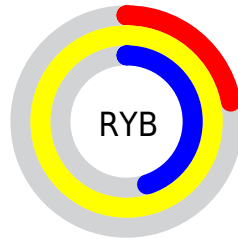
The XYZ color **57.7971, 81.3855, 16.5337** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **26.1074, 13.6016, 93.3495**, and the grayscale version is **63.3482, 66.6473, 72.5789**.

A 20% lighter version of the original color is **79.9628, 93.9227, 31.3672**, and **29.5068, 44.1811, 6.9726** is the 20% darker color. If you saturate the color by 10%, you get **55.4425, 80.2298, 13.9167**, and if you desaturate by 10%, it is **60.5642, 82.7231, 20.7996**.

Distribution



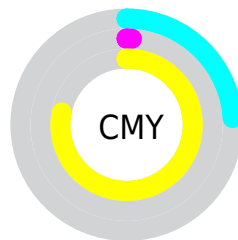
- Red (76%)
- Green (99%)
- Blue (22%)



- Red (22%)
- Yellow (99%)
- Blue (45%)



- Cyan (23%)
- Magenta (0%)
- Yellow (77%)
- Black (1%)



- Cyan (24%)
- Magenta (1%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7971, 81.3855, 16.5337 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 57.7971, 81.3855, 16.5337 by changing the saturation by 10% instead.

57.7971, 81.3855,
16.5337

57.7971, 81.3855,
16.5337

406.3955,
499.5899, 244.4230

41.8882, 60.8591,
9.7442

100.7520,
135.3119, 38.3019

29.2045, 44.1115,
5.1263

128.5287,
169.4808, 54.1176

19.3806, 30.7582,
2.2615

160.9920,
208.9659, 73.7792

12.0513, 20.4148,
0.7095

198.5073,
254.1518, 97.7051

6.8510, 12.6969,
0.0000

241.4400,
305.4227, 126.3139

3.4146, 7.2202,
0.0000

290.1553,

1.3766, 3.6002,

363.1631, 160.0241

0.0000

345.0187,
427.7574, 199.2543

■ 0.2395, 1.4525,
0.0000

■ 0.0000, 0.2550,
0.0000

■ 57.7971, 81.3855,
16.5337

■ 57.7971, 81.3855,
16.5337

■ 55.4425, 80.2298,
13.9167

■ 60.5642, 82.7231,
20.7996

■ 53.4404, 79.2233,
12.6648

■ 63.7801, 84.2488,
26.9234

■ 52.9530, 78.9763,
12.4530

■ 67.4826, 85.9806,
35.0888

■ 71.7035, 87.9314,
45.4560

■ 76.4714, 90.1130,
58.1693

■ 81.8128, 92.5358,
73.3609

■ 87.7521, 95.2100,
91.1528

■ 93.7247, 97.9097,
108.5664

■ 94.1022, 98.1043,
108.5841

Harmonies

Analogous

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



78.6465, 81.3855, 11.9711



57.7971, 81.3855, 16.5337



44.8897, 81.3855, 36.5778

Triad

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



57.7971, 81.3855, 16.5337



55.9839, 81.3855, 250.9205



131.9240, 81.3855, 92.3461

Complementary

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



57.7971, 81.3855, 16.5337



26.1074, 13.6016, 93.3495

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.



122.5927, 81.3855, 175.3430



57.7971, 81.3855, 16.5337



76.0766, 81.3855, 291.3029

Square

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



57.7971, 81.3855, 16.5337



44.0017, 81.3855, 165.4877



100.8902, 81.3855, 258.3581



124.3476, 81.3855, 40.2263

Rectangle

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



57.7971, 81.3855, 16.5337



40.9821, 81.3855, 64.9930



100.8902, 81.3855, 258.3581



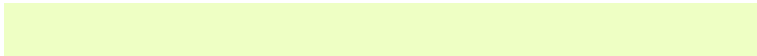
130.6296, 81.3855, 117.3620

Sweetspot

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



57.7990, 81.3891, 16.5354



80.8738, 93.6214, 66.2419



46.7084, 32.6374, 7.7099



16.8972, 19.8511, 13.0205



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.



57.7990, 81.3891, 16.5354



55.7442, 81.8098, 13.4187



40.7248, 72.5871, 15.7364



18.1952, 19.9164, 18.3477



27.7378, 41.2176, 6.4939



2.6755, 3.8724, 0.6064

Inverse Universe

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



26.1074, 13.6016, 93.3495



22.3259, 9.7418, 95.3114



45.5442, 23.6217, 94.2591



16.7683, 16.8932, 21.7622



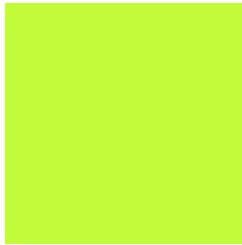
10.7911, 4.5057, 48.2745



1.1010, 0.4697, 4.4758

Previews

White Background



This preview shows how the XYZ color 57.7971, 81.3855, 16.5337 looks on a white background.

Color Contrast Check

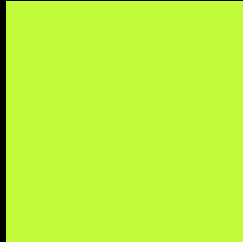
Large Text (above 18pt) WCAG AA × Fail

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 57.7971, 81.3855, 16.5337 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 57.7971, 81.3855, 16.5337

Background



This preview shows how black text looks on a background with the XYZ color 57.7971, 81.3855, 16.5337.

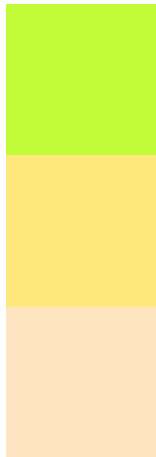


This preview shows how white text looks on a background with the XYZ color 57.7971, 81.3855,

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

57.7971, 81.3855, 16.5337

Protanopia

73.6718, 80.4033, 30.3754

Deuteranopia

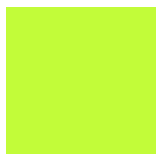
78.6090, 80.5971, 61.8657



Tritanopia

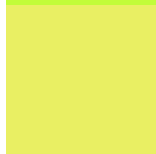
75.4623, 80.9556, 104.5772

Trichromacy



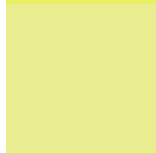
Original Color

57.7971, 81.3855, 16.5337



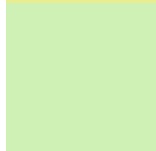
Protanomaly

66.7229, 79.9575, 23.7210



Deuteranomaly

68.9225, 79.9056, 38.1763



Tritanomaly

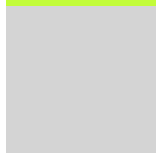
65.6309, 79.5534, 56.1522

Monochromacy



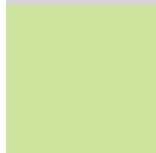
Original Color

57.7971, 81.3855, 16.5337



Achromatopsia

62.5785, 65.8375, 71.6970



Achromatomaly

58.6467, 70.3176, 41.9341

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7971, 81.3855, 16.5337 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, 252, 57)` looks like.

```
.text, #text, p{  
    color:rgb(194, 252, 57)  
}
```

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, 252, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 252, 57) }
```

Border

The CSS property to change the border of an element to XYZ 57.7971, 81.3855, 16.5337 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, 252, 57) }
```


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

```
.border{ border-color:rgb(194, 252, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 252, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 252, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 252, 57);  
box-shadow:4px 4px 4px 4px rgb(194, 252,  
57) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7971, 81.3855, 16.5337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 252, 57) }
```

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

```
.background{ background-color: rgb(194,  
252, 57) }
```

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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