

Converting Colors

XYZ(57.1312, 82.2602, 25.4370)

Have a look what the booklet for
XYZ(57.1312, 82.2602, 25.4370)
contains.

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Color

**XYZ(57.2143, 82.3031,
25.4409)**

Conversions

Conversions Part 1

Format	Color
Hex	B5FF66
RGB	181, 255, 102
RGB Percent	71%, 100%, 40%
CMY	0.2902, 0.0000, 0.6000
CMYK	0.29, 0.00, 0.60, 0.00
HSL	89°, 100%, 70%
HSV	89°, 60%, 100%
XYZ	57.2143, 82.3031, 25.4409
YIQ	215.4320, 5.0090, -63.2710

Conversions

Conversions Part 2

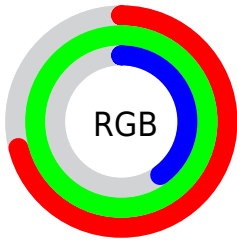
Format	Color
RYB	102, 255, 176
Decimal	11927398
CIELab	92.71, -46.40, 64.24
CIElCh	93, 79.246, 125.836
Yxy	82.3031, 0.3468, 0.4989
Android (android.graphics.Color)	4290117478 (0xFFB5FF66)
YUV	215.4320, -55.9220, -30.1969
Hunter-Lab	90.7211, -46.1887, 46.8780

Details

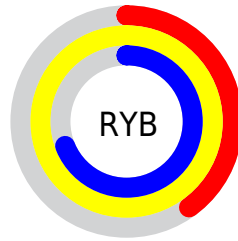
The XYZ color **57.2143, 82.3031, 25.4409** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **40.7074, 25.9543, 97.4719**, and the grayscale version is **65.2493, 68.6473, 74.7569**.

A 20% lighter version of the original color is **77.8667, 92.5139, 46.1007**, and **28.8171, 44.7810, 9.5076** is the 20% darker color. If you saturate the color by 10%, you get **53.3727, 80.4470, 19.6446**, and if you desaturate by 10%, it is **61.7011, 84.4468, 33.2993**.

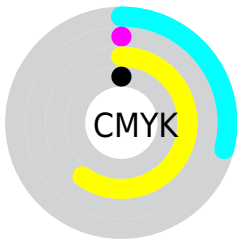
Distribution



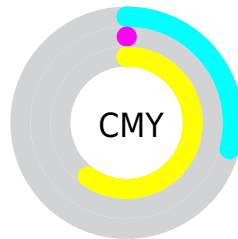
- Red (71%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (69%)



- Cyan (29%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)



- Cyan (29%)
- Magenta (0%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.2143, 82.3031, 25.4409 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 57.2143, 82.3031, 25.4409 by changing the saturation by 10% instead.


 57.2143, 82.3031,
25.4409


 57.2143, 82.3031,
25.4409


404.2530,
502.6610, 293.5442

 41.4181, 61.6154,
16.1838


 99.9074, 136.5990,
53.3446


 28.8351, 44.7220,
9.4986


 127.5350,
170.9759, 72.8282

 19.0997, 31.2385,
4.9666


 159.8371,
210.6848, 96.5579

 11.8468, 20.7805,
2.1693

 197.1791,
256.1099, 124.9520

 6.7109, 12.9637,
0.6565

239.9264,
307.6357, 158.4291

 3.3267, 7.4035,
0.0000

288.4442,

 1.3288, 3.7157,

365.6465, 197.4079

0.0000

343.0980,
430.5268, 242.3067

■ 0.2046, 1.5158,
0.0000

■ 0.0000, 0.2998,
0.0000

■ 57.2143, 82.3031,
25.4409

■ 57.2143, 82.3031,
25.4409

■ 53.3727, 80.4470,
19.6446

■ 61.7011, 84.4468,
33.2993

■ 50.1323, 78.8602,
15.7118

■ 66.8714, 86.8943,
43.3867

■ 47.4423, 77.5215,
13.4112

■ 72.7603, 89.6602,
55.8568

■ 45.2234, 76.3986,
12.3630

■ 79.4002, 92.7583,
70.8488

■ 45.2230, 76.3984,
12.3629

■ 86.8212, 96.2011,
88.4912

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.



74.2597, 82.3031, 17.4291



57.2143, 82.3031, 25.4409



47.3147, 82.3031, 50.6728

Triad

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



57.2143, 82.3031, 25.4409



63.0786, 82.3031, 238.4745



124.7264, 82.3031, 78.5454

Complementary

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



57.2143, 82.3031, 25.4409



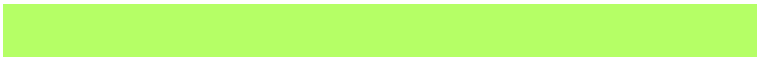
40.7074, 25.9543, 97.4719

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.



120.3140, 82.3031, 144.6616



57.2143, 82.3031, 25.4409



82.3323, 82.3031, 256.9255

Square

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



57.2143, 82.3031, 25.4409



50.2603, 82.3031, 173.9971



103.8407, 82.3031, 216.9598



115.0161, 82.3031, 38.1788

Rectangle

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



57.2143, 82.3031, 25.4409



44.9432, 82.3031, 81.6117



103.8407, 82.3031, 216.9598



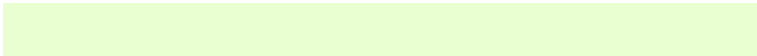
124.8642, 82.3031, 98.1231

Sweetspot

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



57.2145, 82.3031, 25.4421



80.8198, 93.4183, 74.1584



59.1545, 53.2513, 19.7323



16.8585, 19.7906, 14.8489



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.



57.2145, 82.3031, 25.4421



52.6774, 80.1084, 18.7148



43.9320, 75.4557, 24.8205



18.6662, 20.6293, 19.1424



23.8034, 40.0092, 6.4680



2.4438, 3.9606, 0.6357

Inverse Universe

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



40.7074, 25.9543, 97.4719



34.8666, 19.2720, 96.4899



63.1099, 37.5032, 98.5203



17.8392, 17.8088, 22.7472



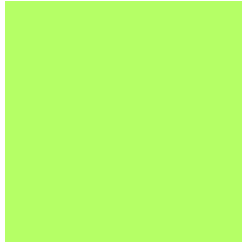
13.8956, 6.0739, 49.8746



1.4784, 0.6561, 4.8620

Previews

White Background



This preview shows how the XYZ color 57.2143, 82.3031, 25.4409 looks on a white background.

Color Contrast Check

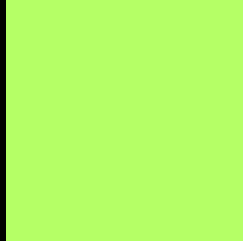
Large Text (above 18pt) WCAG AA × Fail

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 57.2143, 82.3031, 25.4409 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 57.2143, 82.3031, 25.4409

Background



This preview shows how black text looks on a background with the XYZ color 57.2143, 82.3031, 25.4409.



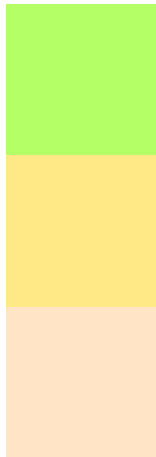
This preview shows how white text looks on a background with the XYZ color 57.2143, 82.3031,

25.4409.

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

57.2143, 82.3031, 25.4409

Protanopia

74.6820, 81.2591, 34.3027

Deuteranopia

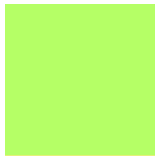
79.4524, 81.3758, 64.9456



Tritanopia

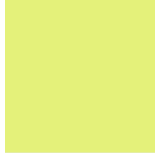
74.3567, 81.6345, 106.4458

Trichromacy



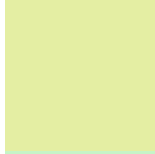
Original Color

57.2143, 82.3031, 25.4409



Protanomaly

66.9631, 80.8097, 30.4809



Deuteranomaly

69.1803, 80.2874, 46.5012



Tritanomaly

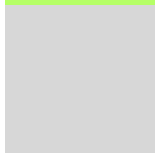
65.9482, 80.8307, 66.1589

Monochromacy



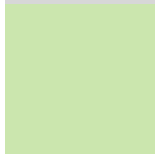
Original Color

57.2143, 82.3031, 25.4409



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

60.5654, 72.3461, 50.8165

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2143, 82.3031, 25.4409 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(181, 255, 102)` looks like.

```
.text, #text, p{  
    color:rgb(181, 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(181, 255, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 255, 102) }
```

Border

The CSS property to change the border of an element to XYZ 57.2143, 82.3031, 25.4409 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(181, 255, 102) }
```


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

```
.border{ border-color:rgb(181, 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(181, 255, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 255, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 255, 102);  
box-shadow:4px 4px 4px 4px rgb(181, 255,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2143, 82.3031, 25.4409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 255, 102) }
```

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

```
.background{ background-color: rgb(181,  
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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