

Converting Colors

XYZ(57.7905, 82.6001, 25.4679)

Have a look what the booklet for
XYZ(57.7905, 82.6001, 25.4679)
contains.

XYZ(57.6867, 82.5466, 25.4630)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.6867, 82.5466,
25.4630)**

Conversions

Conversions Part 1

Format	Color
Hex	B7FF66
RGB	183, 255, 102
RGB Percent	72%, 100%, 40%
CMY	0.2824, 0.0000, 0.6000
CMYK	0.28, 0.00, 0.60, 0.00
HSL	88°, 100%, 70%
HSV	88°, 60%, 100%
XYZ	57.6867, 82.5466, 25.4630
YIQ	216.0300, 6.2010, -62.8470

Conversions

Conversions Part 2

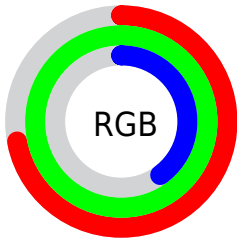
Format	Color
RYB	102, 255, 174
Decimal	12058470
CIELab	92.82, -45.70, 64.39
CIElCh	93, 78.962, 125.363
Yxy	82.5466, 0.3481, 0.4982
Android (android.graphics.Color)	4290248550 (0xFFB7FF66)
YUV	216.0300, -56.2168, -28.9673
Hunter-Lab	90.8552, -45.6615, 46.9820

Details

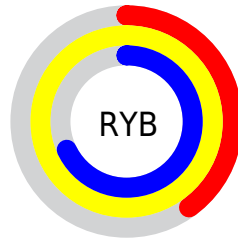
The XYZ color **57.6867, 82.5466, 25.4630** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **40.2584, 25.7228, 97.4509**, and the grayscale version is **65.6586, 69.0779, 75.2259**.

A 20% lighter version of the original color is **78.5495, 92.8659, 46.1327**, and **29.1062, 44.9300, 9.5212** is the 20% darker color. If you saturate the color by 10%, you get **53.8766, 80.7067, 19.6681**, and if you desaturate by 10%, it is **62.1295, 84.6676, 33.3194**.

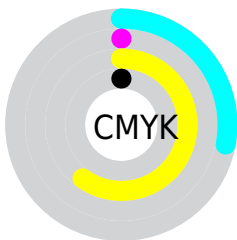
Distribution



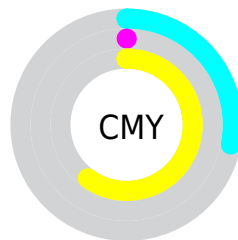
- Red (72%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (68%)



- Cyan (28%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)




- Cyan (28%)
- Magenta (0%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.6867, 82.5466, 25.4630 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 57.6867, 82.5466, 25.4630 by changing the saturation by 10% instead.


 57.6867, 82.5466,
25.4630

 57.6867, 82.5466,
25.4630


405.9902,
503.4742, 293.6571

 41.7991, 61.8162,
16.2002


 100.5921,
136.9403, 53.3808


 29.1344, 44.8842,
9.5100


 128.3406,
171.3723, 72.8728

 19.3273, 31.3662,
4.9740


 160.7734,
211.1403, 96.6116

 12.0125, 20.8779,
2.1735

 198.2559,
256.6287, 125.0158

 6.8244, 13.0348,
0.6590

241.1535,
308.2219, 158.5039

 3.3979, 7.4525,
0.0000

289.8315,

 1.3675, 3.7467,

366.3043, 197.4945

0.0000

344.6553,
431.2603, 242.4060

■ 0.2329, 1.5329,
0.0000

■ 0.0000, 0.3117,
0.0000

■ 57.6867, 82.5466,
25.4630

■ 57.6867, 82.5466,
25.4630

■ 53.8766, 80.7067,
19.6681

■ 62.1295, 84.6676,
33.3194

■ 50.6555, 79.1299,
15.7362

■ 67.2424, 87.0855,
43.4040

■ 47.9733, 77.7953,
13.4360

■ 73.0603, 89.8149,
55.8708

■ 45.7514, 76.6708,
12.3877

■ 79.6150, 92.8690,
70.8588

■ 45.7511, 76.6706,
12.3876

■ 86.9361, 96.2603,
88.4966

95.0500, 100.0000,
108.9000

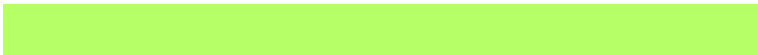
Harmonies

Analogous

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



74.8125, 82.5466, 17.6244



57.6867, 82.5466, 25.4630



47.6705, 82.5466, 50.3861

Triad

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



57.6867, 82.5466, 25.4630



63.0717, 82.5466, 237.5268



124.8920, 82.5466, 79.6843

Complementary

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



57.6867, 82.5466, 25.4630



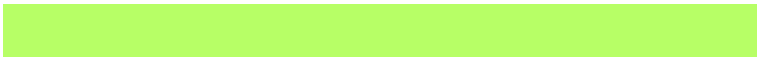
40.2584, 25.7228, 97.4509

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.



120.2689, 82.5466, 145.9727



57.6867, 82.5466, 25.4630



82.2202, 82.5466, 256.8246

Square

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



57.6867, 82.5466, 25.4630



50.3770, 82.5466, 172.8556



103.6984, 82.5466, 217.8238



115.4121, 82.5466, 38.8994

Rectangle

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



57.6867, 82.5466, 25.4630



45.2191, 82.5466, 81.0133



103.6984, 82.5466, 217.8238



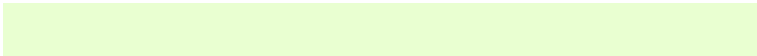
124.9516, 82.5466, 99.3694

Sweetspot

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



57.6869, 82.5467, 25.4642



81.0158, 93.5193, 74.1676



58.6593, 52.2611, 19.5672



16.9063, 19.8152, 14.8512



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.



57.6869, 82.5467, 25.4642



53.1861, 80.3706, 18.7386



44.2344, 75.6117, 24.8346



18.6896, 20.6414, 19.1435



24.0799, 40.1517, 6.4809



2.4708, 3.9745, 0.6369

Inverse Universe

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



40.2584, 25.7228, 97.4509



34.3905, 19.0266, 96.4677



62.1904, 37.0292, 98.4773



17.8159, 17.7968, 22.7461



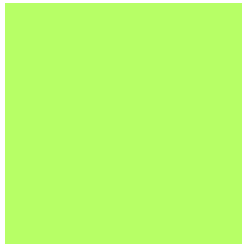
13.6482, 5.9464, 49.8630



1.4538, 0.6434, 4.8608

Previews

White Background



This preview shows how the XYZ color 57.6867, 82.5466, 25.4630 looks on a white background.

Color Contrast Check

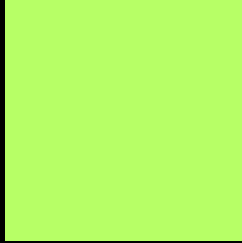
Large Text (above 18pt) WCAG AA × Fail

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 57.6867, 82.5466, 25.4630 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

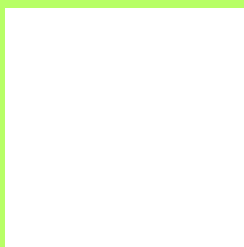
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.6867, 82.5466, 25.4630

Background



This preview shows how black text looks on a background with the XYZ color 57.6867, 82.5466, 25.4630.



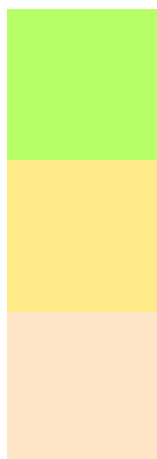
This preview shows how white text looks on a background with the XYZ color 57.6867, 82.5466,

25.4630.

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

57.6867, 82.5466, 25.4630

Protanopia

75.1068, 81.8832, 35.1390

Deuteranopia

79.5681, 81.4221, 65.5552



Tritanopia

74.9190, 81.9244, 106.4721

Trichromacy



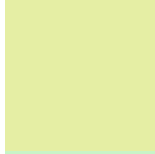
Original Color

57.6867, 82.5466, 25.4630



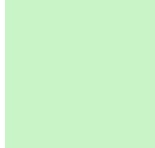
Protanomaly

67.7033, 81.6175, 31.2542



Deuteranomaly

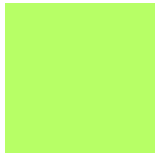
69.5885, 80.4874, 46.9899



Tritanomaly

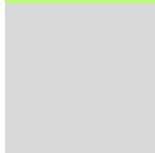
66.4789, 81.1042, 66.1837

Monochromacy



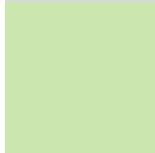
Original Color

57.6867, 82.5466, 25.4630



Achromatopsia

65.2694, 68.6685, 74.7800



Achromatomaly

60.9365, 72.5261, 51.3447

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.6867, 82.5466, 25.4630 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(183, 255, 102)` looks like.

```
.text, #text, p{  
    color:rgb(183, 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(183, 255, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 255, 102) }
```

Border

The CSS property to change the border of an element to XYZ 57.6867, 82.5466, 25.4630 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(183, 255, 102) }
```


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

```
.border{ border-color:rgb(183, 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(183, 255, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 255, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 255, 102);  
box-shadow:4px 4px 4px 4px rgb(183, 255,  
102) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6867, 82.5466, 25.4630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 255, 102) }
```

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

```
.background{ background-color: rgb(183,  
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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