

Converting Colors

YUV(125.9120, -57.6376,
-86.7458)

Have a look what the booklet for
YUV(125.9120, -57.6376, -86.7458)
contains.

| | |
|--|----|
| YUV(125.9120, -57.6376, -86.7458) | 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

**YUV(125.9120, -57.6376,
-86.7458)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 1BC709 |
| RGB | 27, 199, 9 |
| RGB Percent | 11%, 78%, 4% |
| CMY | 0.8941, 0.2196, 0.9647 |
| CMYK | 0.86, 0.00, 0.95, 0.22 |
| HSL | 114°, 91%, 41% |
| HSV | 114°, 95%, 78% |
| XYZ | 20.9247, 41.0996, 7.0886 |
| YIQ | 125.9120, -41.5220, -95.5540 |

Conversions

Conversions Part 2

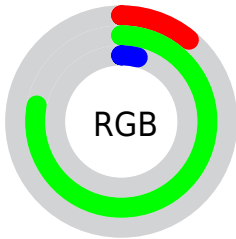
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 9, 199, 181 |
| Decimal | 1820425 |
| CIELab | 70.25, -69.84, 68.24 |
| CIElCh | 70, 97.645, 135.662 |
| Yxy | 41.0996, 0.3028, 0.5947 |
| Android (android.graphics.Color) | 4280010505 (0xFF1BC709) |
| YUV | 125.9120, -57.6376, -86.7458 |
| Hunter-Lab | 64.1090, -53.9295, 38.3205 |

Details

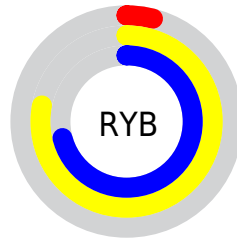
The YUV color **125.9120, -57.6376, -86.7458** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **82.0880, 57.6376, 86.7458**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.0370, -53.7552, -71.9464**, and **83.9410, -41.3829, -73.6163** is the 20% darker color. If you saturate the color by 10%, you get **122.4940, -60.3895, -90.7642**, and if you desaturate by 10%, it is **133.5740, -51.5550, -77.6794**.

Distribution



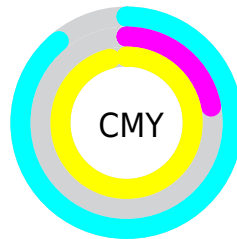
- Red (11%)
- Green (78%)
- Blue (4%)



- Red (4%)
- Yellow (78%)
- Blue (71%)



- Cyan (86%)
- Magenta (0%)
- Yellow (95%)
- Black (22%)



- Cyan (89%)
- Magenta (22%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 125.9120, -57.6376, -86.7458 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 YUV color 125.9120, -57.6376, -86.7458 by changing the saturation by 10% instead.

■ 125.9120,
-57.6376, -86.7458

■ 125.9120,
-57.6376, -86.7458

■ 255.0000, 0.0000,
0.0000

■ 100.3770,
-49.4859, -88.0306

■ 192.0370,
-53.7552, -71.9464

■ 83.9410, -41.3829,
-73.6163

■ 204.9110,
-45.8051, -55.1729

■ 68.0920, -33.5694,
-59.7167

■ 217.6710,
-38.2918, -38.2995

■ 52.8300, -26.0452,
-46.3319

■ 230.1320,
-30.6311, -22.0408

■ 38.1550, -18.8104,
-33.4619

■ 242.7070,
-22.5336, -5.8820

■ 24.0670, -11.8650,
-21.1068

■ 251.8080,

■ 1.1740, -0.5788,

-12.2303, 2.7994

-1.0296

■ 0.0000, 0.0000,
0.0000

■ 125.9120,
-57.6376, -86.7458

■ 125.9120,
-57.6376, -86.7458

■ 122.4940,
-60.3895, -90.7642

■ 133.5740,
-51.5550, -77.6794

■ 141.2360,
-45.4723, -68.6130

■ 148.8980,
-39.3897, -59.5465

■ 156.5600,
-33.3071, -50.4801

■ 164.1080,
-27.6612, -41.3137

■ 171.7700,
-21.5786, -32.2473

■ 179.4320,
-15.4960, -23.1809

■ 187.0940, -9.4133,
-14.1144

■ 194.7560, -3.3307,
-5.0480

Harmonies

Analogous

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



155.8700, -76.8439, 7.1300



125.9120, -57.6376, -86.7458



135.6450, -5.7410, -118.9607

Triad

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



125.9120, -57.6376, -86.7458



143.5350, 54.9522, -125.8802



122.7630, 3.5678, 115.9718

Complementary

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



125.9120, -57.6376, -86.7458



82.0880, 57.6376, 86.7458

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.



139.2520, 38.8228, 101.5110



125.9120, -57.6376, -86.7458



127.0990, 63.0552, -111.4658

Square

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



125.9120, -57.6376, -86.7458



150.5790, 51.4796, -132.0578



169.7530, 42.0268, 53.7136



143.8420, -50.2081, 97.4856

Rectangle

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



125.9120, -57.6376, -86.7458



144.0010, 21.1985, -126.2889



169.7530, 42.0268, 53.7136



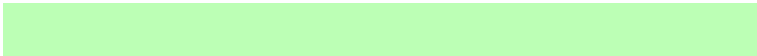
120.7860, 18.8395, 117.7057

Sweetspot

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



125.9120, -57.6376, -86.7458



226.5310, -22.4468, -33.7917



166.1870, -77.4932, 28.7770



110.6110, -13.6122, -20.7068



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



125.9120, -57.6376, -86.7458



156.8610, -77.3325, -116.5191



129.1940, -21.7876, -105.4101



95.2830, -2.6045, -4.6332



100.1660, -49.3818, -74.6906



22.0290, -10.8603, -16.6884

Inverse Universe

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



82.0880, 57.6376, 86.7458



98.1390, 77.3325, 116.5191



78.8060, 21.7876, 105.4101



93.7170, 2.6045, 4.6332



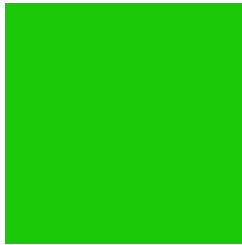
62.8340, 49.3818, 74.6906



13.6720, 11.0077, 16.0737

Previews

White Background



This preview shows how the YUV color 125.9120, -57.6376, -86.7458 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 YUV color 125.9120, -57.6376, -86.7458 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](#).

YUV 125.9120, -57.6376, -86.7458 Background



This preview shows how black text looks on a background with the YUV color 125.9120, -57.6376, -86.7458.



This preview shows how white text looks on a background with the YUV color 125.9120, -57.6376, -86.7458.

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

125.9120, -57.6376, -86.7458

Protanopia

157.7850, -77.7880, 30.0066

Deuteranopia

164.0960, -59.2073, 43.7658



Tritanopia

157.4080, 20.9979, -61.7478

Trichromacy



Original Color

125.9120, -57.6376, -86.7458



Protanomaly

146.0570, -70.5271, -12.3280



Deuteranomaly

149.9130, -58.6241, -3.4317



Tritanomaly

145.8990, -7.3452, -70.9484

Monochromacy



Original Color

125.9120, -57.6376, -86.7458



Achromatopsia

126.0000, 0.0000, 0.0000



Achromatomaly

126.1830, -21.2892, -31.7325

CSS Examples

Text

The CSS property to change the color of the text to YUV 125.9120, -57.6376, -86.7458 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(27, 199, 9)` looks like.

```
.text, #text, p{  
    color:rgb(27, 199, 9)  
}
```

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(27, 199, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 199, 9) }
```

Border

The CSS property to change the border of an element to YUV 125.9120, -57.6376, -86.7458 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(27, 199, 9) }
```


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

```
.border{ border-color:rgb(27, 199, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 199, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 199, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 199, 9);  
box-shadow:4px 4px 4px 4px rgb(27, 199, 9)  
}
```

Background

The CSS property to change the background color of an element to YUV 125.9120, -57.6376, -86.7458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 199, 9) }
```

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

```
.background{ background-color: rgb(27, 199,  
9) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor