

Converting Colors

YUV(170.5770, -65.8535,
-18.0460)

Have a look what the booklet for
YUV(170.5770, -65.8535, -18.0460)
contains.

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Color

**YUV(170.5770, -65.8535,
-18.0460)**

Conversions

Conversions Part 1

Format	Color
Hex	96CF25
RGB	150, 207, 37
RGB Percent	59%, 81%, 15%
CMY	0.4118, 0.1882, 0.8549
CMYK	0.28, 0.00, 0.82, 0.19
HSL	80°, 70%, 48%
HSV	80°, 82%, 81%
XYZ	35.2244, 51.2432, 9.7847
YIQ	170.5770, 20.5980, -64.9540

Conversions

Conversions Part 2

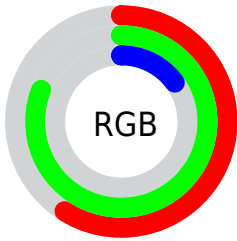
Format	Color
RYB	37, 207, 94
Decimal	9883429
CIELab	76.83, -40.97, 70.46
CIELCh	77, 81.505, 120.173
Yxy	51.2432, 0.3660, 0.5324
Android (android.graphics.Color)	4288073509 (0xFF96CF25)
YUV	170.5770, -65.8535, -18.0460
Hunter-Lab	71.5844, -37.4384, 42.0049

Details

The YUV color **170.5770, -65.8535, -18.0460** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark muted chartreuse. A complement of this color would be **73.4230, 65.8535, 18.0460**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.1630, -61.2124, -13.2980**, and **117.0310, -57.6963, -21.0752** is the 20% darker color. If you saturate the color by 10%, you get **166.0900, -73.9944, -20.2499**, and if you desaturate by 10%, it is **175.0640, -57.7126, -15.8421**.

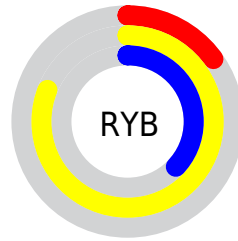
Distribution



Red (59%)

Green (81%)

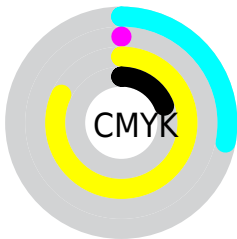
Blue (15%)



Red (15%)

Yellow (81%)

Blue (37%)

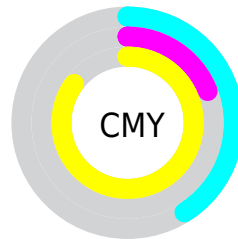


Cyan (28%)

Magenta (0%)

Yellow (82%)

Black (19%)



Cyan (41%)

Magenta (19%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.5770, -65.8535, -18.0460 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 170.5770, -65.8535, -18.0460 by changing the saturation by 10% instead.

■ 170.5770,
-65.8535, -18.0460

■ 170.5770,
-65.8535, -18.0460

■ 255.0000, 0.0000,
0.0000

■ 141.2520,
-69.6372, -17.7610

■ 223.1630,
-61.2124, -13.2980

■ 117.0310,
-57.6963, -21.0752

■ 235.3250,
-53.4042, 2.3460

■ 93.0980, -45.8973,
-25.5189

■ 243.7140,
-43.2430, 9.8978

■ 69.1540, -34.0929,
-31.7071

■ 246.9060,
-31.0127, 7.0984

■ 44.6120, -21.9937,
-39.1247

■ 250.2120,
-18.3455, 4.1991

■ 31.1110, -15.3377,
-27.2843

■ 253.6320, -5.2416,

■ 18.7840, -9.2605,

1.1997

-16.4736

■ 0.0000, 0.0000,
0.0000

■ 170.5770,
-65.8535, -18.0460

■ 170.5770,
-65.8535, -18.0460

■ 166.0900,
-73.9944, -20.2499

■ 175.0640,
-57.7126, -15.8421

■ 162.7710,
-80.2461, -21.7242

■ 179.4370,
-50.0084, -13.5382

■ 183.9240,
-41.8675, -11.3343

■ 188.4110,
-33.7266, -9.1304

■ 192.7840,
-26.0225, -6.8266

■ 197.2710,
-17.8816, -4.6227

■ 201.7580, -9.7407,
-2.4188

■ 206.2450, -1.5998,
-0.2149

■ 210.3190, 6.2517,
1.4742

Harmonies

Analogous

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



176.4570, -86.9933, 42.5722



170.5770, -65.8535, -18.0460



141.0930, -15.3288, -123.7386

Triad

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



170.5770, -65.8535, -18.0460



155.8620, 48.8750, -136.6910



163.8770, 13.8646, 79.9149

Complementary

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



170.5770, -65.8535, -18.0460



73.4230, 65.8535, 18.0460

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.



183.9730, 35.0163, 62.2907



170.5770, -65.8535, -18.0460



145.8830, 53.7947, -127.9394

Square

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



170.5770, -65.8535, -18.0460



160.5580, 46.5599, -140.8094



184.1860, 34.9113, 2.4679



162.4850, -21.9311, 81.1357

Rectangle

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



170.5770, -65.8535, -18.0460



149.2550, 5.7903, -130.8966



184.1860, 34.9113, 2.4679



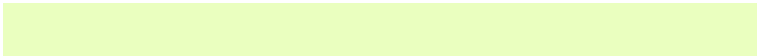
169.1890, 24.0638, 75.2562

Sweetspot

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



170.5770, -65.8535, -18.0460



241.4250, -24.8595, -6.5117



121.2890, -41.5545, 75.1685



119.6670, -15.1188, -4.0930



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.



170.5770, -65.8535, -18.0460



200.8570, -97.5435, -27.0616



145.1620, -53.3239, -70.3021



102.5500, -4.2152, -1.3594



132.1040, -65.1273, -17.6312



32.1400, -15.8450, -4.5078

Inverse Universe

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



73.4230, 65.8535, 18.0460



56.8440, 97.6909, 26.4468



98.8380, 53.3239, 70.3021



96.4500, 4.2152, 1.3594



35.8960, 65.1273, 17.6312



8.8600, 15.8450, 4.5078

Previews

White Background



This preview shows how the YUV color 170.5770, -65.8535, -18.0460 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 170.5770, -65.8535, -18.0460 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 170.5770, -65.8535, -18.0460 Background



This preview shows how black text looks on a background with the YUV color 170.5770, -65.8535, -18.0460.



This preview shows how white text looks on a background with the YUV color 170.5770, -65.8535, -18.0460.

-18.0460.

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

170.5770, -65.8535, -18.0460

Protanopia

178.2780, -72.1151, 30.4512

Deuteranopia

181.8640, -64.0230, 48.3543



Tritanopia

187.5340, 10.0897, -16.2543

Trichromacy



Original Color

170.5770, -65.8535, -18.0460

Protanomaly

175.7380, -69.8768, 12.5078

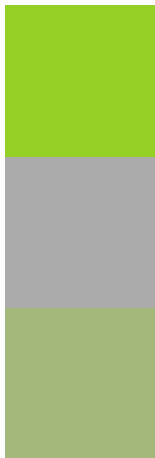
Deuteranomaly

177.5960, -64.3838, 24.0333

Tritanomaly

181.3080, -17.4068, -16.9331

Monochromacy



Original Color

170.5770, -65.8535, -18.0460

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

170.6530, -23.9859, -6.7117

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.5770, -65.8535, -18.0460 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(150, 207, 37)` looks like.

```
.text, #text, p{  
    color:rgb(150, 207, 37)  
}
```

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(150, 207, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 207, 37) }
```

Border

The CSS property to change the border of an element to YUV 170.5770, -65.8535, -18.0460 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(150, 207, 37) }
```


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

```
.border{ border-color:rgb(150, 207, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 207, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 207, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 207, 37);  
box-shadow:4px 4px 4px 4px rgb(150, 207,  
37) }
```

Background

The CSS property to change the background color of an element to YUV 170.5770, -65.8535, -18.0460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 207, 37) }
```

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

```
.background{ background-color: rgb(150,  
207, 37) }
```

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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