

Converting Colors

YUV(161.7170, 45.9885,
-50.6178)

Have a look what the booklet for
YUV(161.7170, 45.9885, -50.6178)
contains.

YUV(161.7170, 45.9885, -50.6178)	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(161.7170, 45.9885,
-50.6178)**

Conversions

Conversions Part 1

Format	Color
Hex	68ADFF
RGB	104, 173, 255
RGB Percent	41%, 68%, 100%
CMY	0.5922, 0.3216, 0.0000
CMYK	0.59, 0.32, 0.00, 0.00
HSL	213°, 100%, 70%
HSV	213°, 59%, 100%
XYZ	38.7025, 40.0502, 100.2984
YIQ	161.7170, -67.4460, 10.8740

Conversions

Conversions Part 2

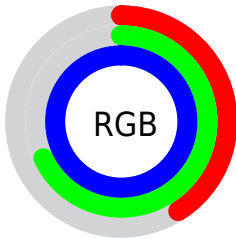
Format	Color
RYB	104, 151, 255
Decimal	6860287
CIELab	69.51, 2.04, -47.18
CIELCh	70, 47.221, 272.477
Yxy	40.0502, 0.2162, 0.2237
Android (android.graphics.Color)	4285050367 (0xFF68ADFF)
YUV	161.7170, 45.9885, -50.6178
Hunter-Lab	63.2852, -1.5863, -49.6668

Details

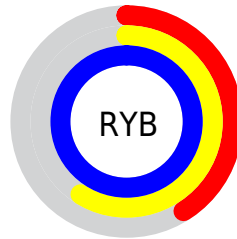
The YUV color **161.7170, 45.9885, -50.6178** is a light color, and the websafe version is hex **3399FF**. A complement of this color would be **197.2830, -45.9885, 50.6178**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.2410, 21.0802, -41.4304**, and **101.9710, 47.3423, -64.8726** is the 20% darker color. If you saturate the color by 10%, you get **146.0240, 53.7252, -58.7800**, and if you desaturate by 10%, it is **177.7090, 38.1045, -41.8408**.

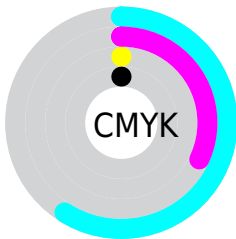
Distribution



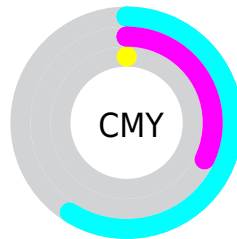
- Red (41%)
- Green (68%)
- Blue (100%)



- Red (41%)
- Yellow (59%)
- Blue (100%)



- Cyan (59%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)



- Cyan (59%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 161.7170, 45.9885, -50.6178 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 161.7170, 45.9885, -50.6178 by changing the saturation by 10% instead.

■ 161.7170, 45.9885,
-50.6178

■ 161.7170, 45.9885,
-50.6178

255.0000, 0.0000,
0.0000

■ 133.2820, 45.7100,
-54.6213

■ 212.2410, 21.0802,
-41.4304

■ 101.9710, 47.3423,
-64.8726

■ 237.0600, 8.8444,
-36.8866

■ 76.3190, 46.1847,
-66.9318

■ 246.0300, 4.4222,
-18.4433

■ 59.1530, 41.3366,
-51.8772

■ 43.2750, 36.3464,
-37.9522

■ 28.6850, 31.2143,
-25.1567

■ 12.4480, 27.3871,

-10.9169

■ 6.8910, 18.7877,
-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 161.7170, 45.9885,
-50.6178

■ 161.7170, 45.9885,
-50.6178

■ 146.0240, 53.7252,
-58.7800

■ 177.7090, 38.1045,
-41.8408

■ 130.0320, 61.6092,
-67.5571

■ 193.4020, 30.3678,
-33.6786

■ 114.0400, 69.4933,
-76.3341

■ 209.0950, 22.6312,
-25.5163

■ 98.9340, 76.9405,
-85.0111

■ 224.5000, 15.0365,
-16.2245

■ 97.7490, 77.5247,
-85.7259

■ 240.4920, 7.1524,
-7.4475

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



136.5250, 53.4782, -119.7324



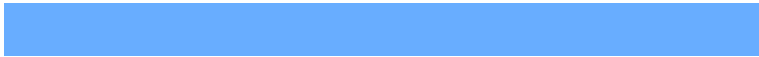
161.7170, 45.9885, -50.6178



172.9690, 34.0323, 4.4122

Triad

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



161.7170, 45.9885, -50.6178



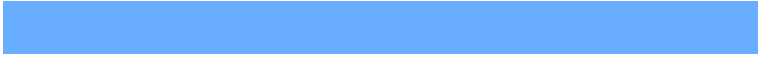
170.1090, -21.7457, 68.3104



152.8690, -11.7674, -52.5051

Complementary

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



161.7170, 45.9885, -50.6178



197.2830, -45.9885, 50.6178

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.



161.3290, -32.7002, -11.6895



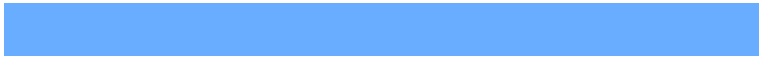
161.7170, 45.9885, -50.6178



168.4000, -36.6792, 51.3922

Square

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



161.7170, 45.9885, -50.6178



172.2610, -2.1007, 67.3001



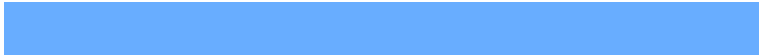
165.9590, -41.3918, 22.8380



132.3120, 19.5662, -116.0376

Rectangle

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



161.7170, 45.9885, -50.6178



174.6970, 23.3204, 33.5917



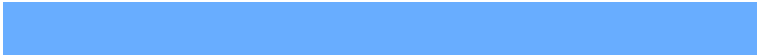
165.9590, -41.3918, 22.8380



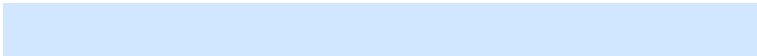
156.1930, -19.8151, -37.8803

Sweetspot

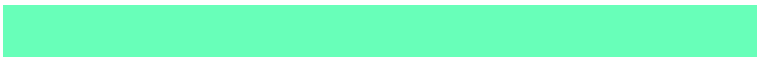
The Sweet Spot groups the original color and five complimentary colors.



161.7170, 45.9885, -50.6178



226.5710, 14.0155, -15.4098



201.8710, -8.3174, -85.8329



109.9370, 8.9051, -9.5917



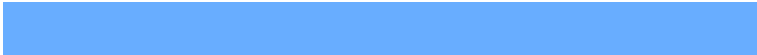
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



161.7170, 45.9885, -50.6178



143.3550, 55.0410, -60.8243



122.7090, 65.2195, -12.0228



120.0040, 3.9420, -4.3885



72.8430, 58.2514, -63.8833



24.3190, 19.5627, -21.3278

Inverse Universe

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



157.0150, 7.8806, 85.9328



137.5810, 9.5736, 102.9765



236.2910, -65.2195, 12.0228



119.5710, 0.7045, 7.3922



67.0270, 9.8467, 108.7243



22.4420, 3.2331, 36.4464

Previews

White Background



This preview shows how the YUV color 161.7170, 45.9885, -50.6178 looks on a white background.

Color Contrast Check

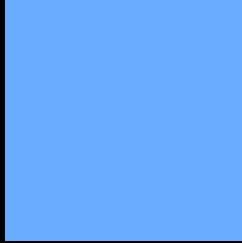
Large Text (above 18pt) WCAG AA × Fail

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 161.7170, 45.9885, -50.6178 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

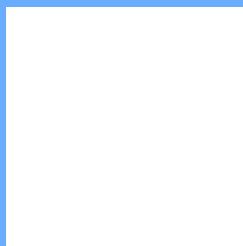
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 161.7170, 45.9885, -50.6178

Background



This preview shows how black text looks on a background with the YUV color 161.7170, 45.9885, -50.6178.



This preview shows how white text looks on a background with the YUV color 161.7170, 45.9885, -50.6178.

-50.6178.

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

161.7170, 45.9885, -50.6178

Protanopia

167.9870, 39.9394, -23.6676

Deuteranopia

165.9580, 43.8977, -33.2892



Tritanopia

154.6140, 21.8823, -65.4365

Trichromacy



Original Color

161.7170, 45.9885, -50.6178

Protanomaly

166.0890, 41.8611, -33.4041

Deuteranomaly

164.4410, 44.6456, -39.8518

Tritanomaly

157.2370, 30.4492, -59.8438

Monochromacy



Original Color

161.7170, 45.9885, -50.6178

Achromatopsia

162.0000, 0.0000, 0.0000

Achromatomaly

161.9450, 16.7891, -18.3688

CSS Examples

Text

The CSS property to change the color of the text to YUV 161.7170, 45.9885, -50.6178 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(104, 173, 255)` looks like.

```
.text, #text, p{  
    color:rgb(104, 173, 255)  
}
```

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(104, 173, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 173, 255) }
```

Border

The CSS property to change the border of an element to YUV 161.7170, 45.9885, -50.6178 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(104, 173, 255) }
```


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

```
.border{ border-color:rgb(104, 173, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 173, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 173, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 173, 255);  
box-shadow:4px 4px 4px 4px rgb(104, 173,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 161.7170, 45.9885, -50.6178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 173, 255) }
```

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

```
.background{ background-color: rgb(104,  
173, 255) }
```

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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