

Converting Colors

YUV(153.3560, 50.1105,
-66.0872)

Have a look what the booklet for
YUV(153.3560, 50.1105, -66.0872)
contains.

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Color

**YUV(153.3560, 50.1105,
-66.0872)**

Conversions

Conversions Part 1

Format	Color
Hex	4EACFF
RGB	78, 172, 255
RGB Percent	31%, 67%, 100%
CMY	0.6941, 0.3255, 0.0000
CMYK	0.69, 0.33, 0.00, 0.00
HSL	208°, 100%, 65%
HSV	208°, 69%, 100%
XYZ	35.9444, 38.3447, 100.1145
YIQ	153.3560, -82.6670, 5.8850

Conversions

Conversions Part 2

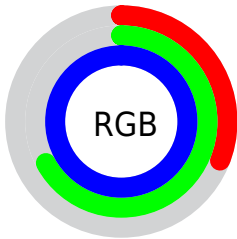
Format	Color
R _Y B	78, 139, 255
Decimal	5156095
CIE Lab	68.27, -1.67, -49.18
CIE LCh	68, 49.209, 268.052
Yxy	38.3447, 0.2061, 0.2199
Android (android.graphics.Color)	4283346175 (0xFF4EACFF)
YUV	153.3560, 50.1105, -66.0872
Hunter-Lab	61.9231, -4.7519, -52.5112

Details

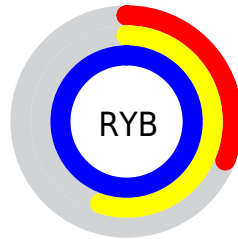
The YUV color **153.3560, 50.1105, -66.0872** is a light color, and the websafe version is hex **0099FF**. The color can be described as light washed azure. A complement of this color would be **179.6440, -50.1105, 66.0872**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.6740, 24.3177, -53.2111**, and **93.0120, 51.7591, -81.5715** is the 20% darker color. If you saturate the color by 10%, you get **138.8370, 57.2684, -75.2790**, and if you desaturate by 10%, it is **168.1740, 42.8052, -56.2806**.

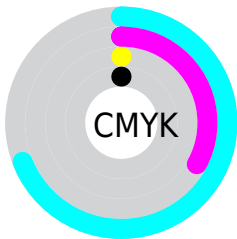
Distribution



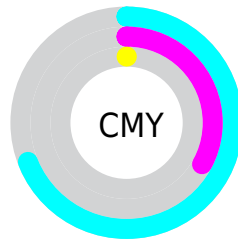
- Red (31%)
- Green (67%)
- Blue (100%)



- Red (31%)
- Yellow (55%)
- Blue (100%)



- Cyan (69%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)



- Cyan (69%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.3560, 50.1105, -66.0872 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 153.3560, 50.1105, -66.0872 by changing the saturation by 10% instead.

■ 153.3560, 50.1105,
-66.0872

■ 153.3560, 50.1105,
-66.0872

■ 255.0000, 0.0000,
0.0000

■ 121.0340, 51.7482,
-78.0828

■ 205.6740, 24.3177,
-53.2111

■ 93.0120, 51.7591,
-81.5715

■ 231.3790, 11.6452,
-48.5674

■ 75.7320, 46.4741,
-66.4170

■ 240.6480, 7.0755,
-29.5093

■ 58.5660, 41.6260,
-51.3624

■ 249.9170, 2.5059,
-10.4512

■ 43.2750, 36.3464,
-37.9522

■ 28.6850, 31.2143,
-25.1567

■ 11.8610, 27.6765,

-10.4021

■ 6.8910, 18.7877,
-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 153.3560, 50.1105,
-66.0872

■ 153.3560, 50.1105,
-66.0872

■ 138.8370, 57.2684,
-75.2790

■ 168.1740, 42.8052,
-56.2806

■ 124.0190, 64.5736,
-85.0857

■ 182.6930, 35.6474,
-47.0888

■ 109.5000, 71.7315,
-94.2775

■ 197.5110, 28.3421,
-37.2821

■ 108.3150, 72.3157,
-94.9923

■ 212.0300, 21.1842,
-28.0903

■ 226.8480, 13.8789,
-18.2837

■ 241.3670, 6.7211,
-9.0919

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.



134.8950, 52.3098, -118.3029



153.3560, 50.1105, -66.0872



168.8370, 37.5484, -3.3650

Triad

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



153.3560, 50.1105, -66.0872



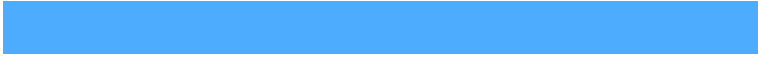
167.0000, -19.7200, 71.9140



150.4520, -15.9988, -48.6314

Complementary

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



153.3560, 50.1105, -66.0872



179.6440, -50.1105, 66.0872

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.



158.1510, -36.0634, -6.2714



153.3560, 50.1105, -66.0872



165.5470, -36.2587, 56.5253

Square

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



153.3560, 50.1105, -66.0872



168.7710, 1.0989, 67.7298



162.5360, -43.1552, 28.4709



129.4110, 16.0664, -113.4934

Rectangle

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



153.3560, 50.1105, -66.0872



171.2880, 26.9730, 28.6884



162.5360, -43.1552, 28.4709



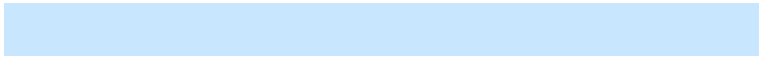
153.1890, -23.7572, -33.4918

Sweetspot

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



153.3560, 50.1105, -66.0872



224.1790, 15.1948, -20.3280



191.3610, -14.9680, -99.4176



109.6270, 9.0579, -11.9509



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.



153.3560, 50.1105, -66.0872



133.4990, 59.9000, -79.3676



101.7000, 75.5769, -20.7849



120.5910, 3.6526, -4.9033



81.6480, 53.9105, -71.6053



27.2540, 18.1158, -23.9018

Inverse Universe

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



141.6390, 14.9680, 99.4176



119.2700, 18.1079, 119.0352



231.3000, -75.5769, 20.7849



119.6850, 1.1413, 7.2923



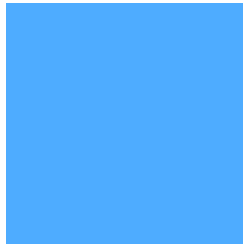
68.7370, 16.3987, 107.2247



23.0120, 5.4171, 35.9465

Previews

White Background



This preview shows how the YUV color 153.3560, 50.1105, -66.0872 looks on a white background.

Color Contrast Check

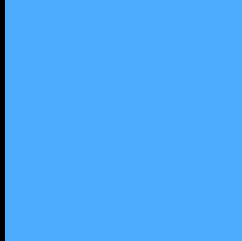
Large Text (above 18pt) WCAG AA × Fail

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 153.3560, 50.1105, -66.0872 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

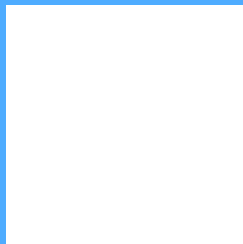
Any Text WCAG AAA ✓ Pass

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

YUV 153.3560, 50.1105, -66.0872 Background



This preview shows how black text looks on a background with the YUV color 153.3560, 50.1105, -66.0872.



This preview shows how white text looks on a background with the YUV color 153.3560, 50.1105, -66.0872.

-66.0872.

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

153.3560, 50.1105, -66.0872

Protanopia

164.5030, 40.6710, -24.9971

Deuteranopia

161.5060, 46.0925, -37.2778



Tritanopia

140.1590, 28.5156, -93.1014

Trichromacy



Original Color

153.3560, 50.1105, -66.0872

Protanomaly

160.3270, 44.2088, -39.7518

Deuteranomaly

158.7820, 47.4355, -48.0438

Tritanomaly

144.9890, 36.4874, -83.3054

Monochromacy



Original Color

153.3560, 50.1105, -66.0872

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

153.2540, 18.1158, -23.9018

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.3560, 50.1105, -66.0872 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(78, 172, 255)` looks like.

```
.text, #text, p{  
    color:rgb(78, 172, 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(78, 172, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 172, 255) }
```

Border

The CSS property to change the border of an element to YUV 153.3560, 50.1105, -66.0872 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(78, 172, 255) }
```


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

```
.border{ border-color:rgb(78, 172, 255) }
```

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

Here you see how a box with a 4 pixel rgb(78, 172, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 172, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 172, 255);  
box-shadow:4px 4px 4px 4px rgb(78, 172,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 153.3560, 50.1105, -66.0872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 172, 255) }
```

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

```
.background{ background-color: rgb(78, 172,  
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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