

Converting Colors

YUV(165.2930, 42.2536,
-66.0320)

Have a look what the booklet for
YUV(165.2930, 42.2536, -66.0320)
contains.

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Color

**YUV(165.2930, 42.2536,
-66.0320)**

Conversions

Conversions Part 1

Format	Color
Hex	5ABBFB
RGB	90, 187, 251
RGB Percent	35%, 73%, 98%
CMY	0.6471, 0.2667, 0.0157
CMYK	0.64, 0.25, 0.00, 0.02
HSL	204°, 95%, 67%
HSV	204°, 64%, 98%
XYZ	39.3994, 44.6793, 97.8142
YIQ	165.2930, -78.3560, -0.6600

Conversions

Conversions Part 2

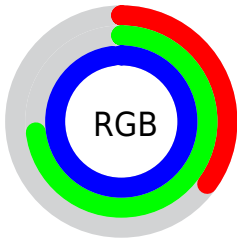
Format	Color
RYB	90, 151, 251
Decimal	5946363
CIELab	72.68, -9.43, -40.08
CIELCh	73, 41.177, 256.757
Yxy	44.6793, 0.2166, 0.2456
Android (android.graphics.Color)	4284136443 (0xFF5ABBFB)
YUV	165.2930, 42.2536, -66.0320
Hunter-Lab	66.8426, -11.7604, -39.9723

Details

The YUV color **165.2930, 42.2536, -66.0320** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **175.7070, -42.2536, 66.0320**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.4580, 18.5082, -56.5297**, and **100.7740, 45.9604, -88.3788** is the 20% darker color. If you saturate the color by 10%, you get **151.9480, 48.8326, -76.2534**, and if you desaturate by 10%, it is **178.6380, 35.6745, -55.8105**.

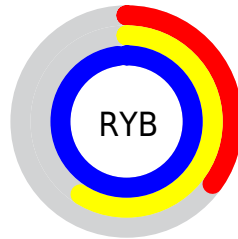
Distribution



Red (35%)

Green (73%)

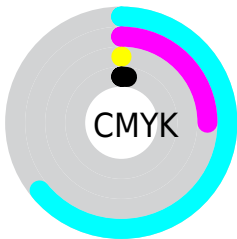
Blue (98%)



Red (35%)

Yellow (59%)

Blue (98%)

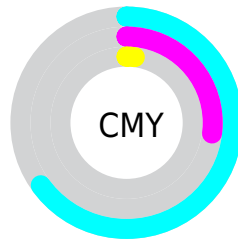


Cyan (64%)

Magenta (25%)

Yellow (0%)

Black (2%)



Cyan (65%)

Magenta (27%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.2930, 42.2536, -66.0320 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 165.2930, 42.2536, -66.0320 by changing the saturation by 10% instead.

■ 165.2930, 42.2536,
-66.0320

■ 165.2930, 42.2536,
-66.0320

255.0000, 0.0000,
0.0000

■ 135.0750, 42.8540,
-71.9798

■ 217.4580, 18.5082,
-56.5297

■ 100.7740, 45.9604,
-88.3788

■ 233.7710, 10.4659,
-43.6492

■ 83.0210, 41.4016,
-72.8094

■ 242.7410, 6.0437,
-25.2059

■ 65.8550, 36.5535,
-57.7548

■ 252.0100, 1.4741,
-6.1478

■ 49.3900, 31.8527,
-43.3150

■ 33.6260, 27.2994,
-29.4900

■ 19.2640, 23.0408,

-16.8945

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 165.2930, 42.2536,
-66.0320

■ 165.2930, 42.2536,
-66.0320

■ 151.9480, 48.8326,
-76.2534

■ 178.6380, 35.6745,
-55.8105

■ 138.6030, 55.4117,
-86.4748

■ 191.9830, 29.0954,
-45.5891

■ 125.2580, 61.9908,
-96.6963

■ 205.3280, 22.5163,
-35.3677

■ 117.2510, 65.9383,
-102.8291

■ 218.6730, 15.9372,
-25.1462

■ 232.3170, 9.2107,
-14.3100

■ 245.6620, 2.6316,
-4.0886

■ 254.5440, -1.7472,
0.3999

Harmonies

Analogous

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



140.9130, 44.9059, -123.5807



165.2930, 42.2536, -66.0320



178.1680, 35.4132, -18.5643

Triad

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



165.2930, 42.2536, -66.0320



180.8230, -11.2517, 62.4222



168.5150, -21.4529, -25.8847

Complementary

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



165.2930, 42.2536, -66.0320



175.7070, -42.2536, 66.0320

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.



173.8090, -33.9228, 7.1835



165.2930, 42.2536, -66.0320



178.7670, -26.5071, 55.4553

Square

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



165.2930, 42.2536, -66.0320



183.1540, 6.8261, 50.7309



176.6430, -35.3200, 35.3931



160.4900, -0.2416, -62.6967

Rectangle

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



165.2930, 42.2536, -66.0320



182.1070, 28.0482, 10.4302



176.6430, -35.3200, 35.3931



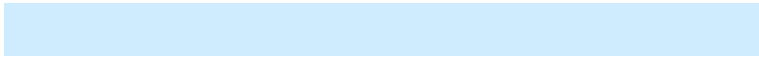
170.2130, -26.7270, -14.2188

Sweetspot

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



165.2930, 42.2536, -66.0320



229.4950, 12.5740, -19.7281



191.5750, -19.5105, -89.0813



111.9860, 7.8949, -12.2657



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.



165.2930, 42.2536, -66.0320



150.6100, 51.4643, -80.3420



119.5070, 64.8260, -25.8776



118.1780, 3.3632, -5.4181



88.4640, 49.5642, -77.5829



28.6730, 15.9372, -25.1462

Inverse Universe

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



149.1970, 18.6369, 89.2812



131.0560, 22.6504, 108.6989



221.4930, -64.8260, 25.8776



116.7990, 1.5781, 7.1923



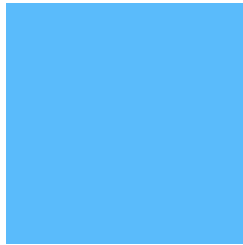
69.5070, 21.9350, 104.7954



22.4570, 7.1697, 33.8022

Previews

White Background



This preview shows how the YUV color 165.2930, 42.2536, -66.0320 looks on a white background.

Color Contrast Check

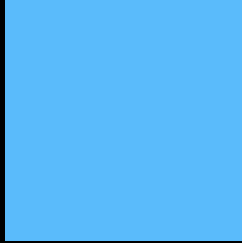
Large Text (above 18pt) WCAG AA × Fail

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 165.2930, 42.2536, -66.0320 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

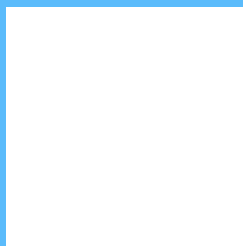
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 165.2930, 42.2536, -66.0320

Background



This preview shows how black text looks on a background with the YUV color 165.2930, 42.2536, -66.0320.

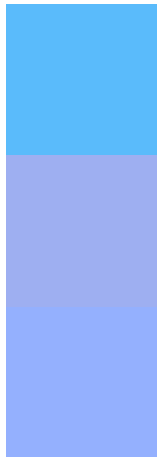


This preview shows how white text looks on a background with the YUV color 165.2930, 42.2536, -66.0320.

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

165.2930, 42.2536, -66.0320

Protanopia

177.4410, 31.3346, -17.0498

Deuteranopia

176.5200, 38.1976, -25.0120



Tritanopia

159.0360, 25.1253, -78.9616

Trichromacy



Original Color

165.2930, 42.2536, -66.0320

Protanomaly

172.7700, 35.6094, -34.8783

Deuteranomaly

172.4750, 39.6988, -39.8816

Tritanomaly

161.3770, 31.3661, -73.9986

Monochromacy



Original Color

165.2930, 42.2536, -66.0320

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.1570, 15.2056, -23.8167

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.2930, 42.2536, -66.0320 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(90, 187, 251)` looks like.

```
.text, #text, p{  
    color:rgb(90, 187, 251)  
}
```

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(90, 187, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 187, 251) }
```

Border

The CSS property to change the border of an element to YUV 165.2930, 42.2536, -66.0320 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(90, 187, 251) }
```


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

```
.border{ border-color:rgb(90, 187, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 187, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 187, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 187, 251);  
box-shadow:4px 4px 4px 4px rgb(90, 187,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 165.2930, 42.2536, -66.0320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 187, 251) }
```

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

```
.background{ background-color: rgb(90, 187,  
251) }
```

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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