

Converting Colors

YUV(173.5350, 35.2322,
-53.9662)

Have a look what the booklet for
YUV(173.5350, 35.2322, -53.9662)
contains.

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Color

**YUV(173.5350, 35.2322,
-53.9662)**

Conversions

Conversions Part 1

Format	Color
Hex	70BFF5
RGB	112, 191, 245
RGB Percent	44%, 75%, 96%
CMY	0.5608, 0.2510, 0.0392
CMYK	0.54, 0.22, 0.00, 0.04
HSL	204°, 87%, 70%
HSV	204°, 54%, 96%
XYZ	41.7943, 47.2989, 93.3130
YIQ	173.5350, -64.4180, 0.0460

Conversions

Conversions Part 2

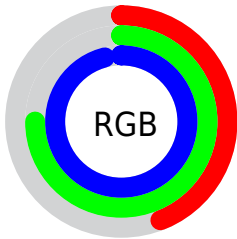
Format	Color
R _Y B	112, 162, 245
Decimal	7389173
CIE Lab	74.38, -9.36, -34.14
CIE LCh	74, 35.403, 254.676
Yxy	47.2989, 0.2291, 0.2593
Android (android.graphics.Color)	4285579253 (0xFF70BFF5)
YUV	173.5350, 35.2322, -53.9662
Hunter-Lab	68.7742, -11.8798, -32.3029

Details

The YUV color **173.5350, 35.2322, -53.9662** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **183.4650, -35.2322, 53.9662**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.1880, 14.6973, -47.5229**, and **116.3060, 35.8381, -61.6584** is the 20% darker color. If you saturate the color by 10%, you get **160.1900, 41.8113, -64.1876**, and if you desaturate by 10%, it is **186.8800, 28.6532, -43.7448**.

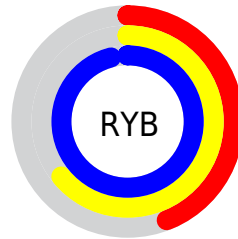
Distribution



Red (44%)

Green (75%)

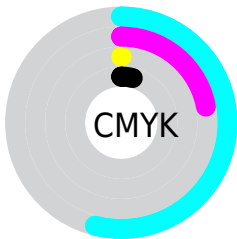
Blue (96%)



Red (44%)

Yellow (64%)

Blue (96%)

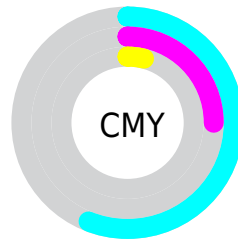


Cyan (54%)

Magenta (22%)

Yellow (0%)

Black (4%)



Cyan (56%)

Magenta (25%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.5350, 35.2322, -53.9662 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 173.5350, 35.2322, -53.9662 by changing the saturation by 10% instead.

■ 173.5350, 35.2322,
-53.9662

■ 173.5350, 35.2322,
-53.9662

255.0000, 0.0000,
0.0000

■ 145.1110, 34.9483,
-56.2253

■ 225.1880, 14.6973,
-47.5229

■ 116.3060, 35.8381,
-61.6584

■ 238.8540, 7.9600,
-33.1980

■ 84.0980, 37.9127,
-73.7539

■ 247.8240, 3.5378,
-14.7546

■ 67.0460, 33.5013,
-58.7993

■ 50.5810, 28.8006,
-44.3595

■ 34.9310, 24.6840,
-30.6345

■ 20.4550, 19.9887,

-17.9390

■ 6.2070, 16.1669,
-5.4435

■ 2.4110, 6.6994,
-2.1144

■ 173.5350, 35.2322,
-53.9662

■ 173.5350, 35.2322,
-53.9662

■ 160.1900, 41.8113,
-64.1876

■ 186.8800, 28.6532,
-43.7448

■ 147.1440, 48.2430,
-73.7943

■ 199.9260, 22.2215,
-34.1381

■ 133.7990, 54.8221,
-84.0157

■ 213.2710, 15.6424,
-23.9167

■ 120.7530, 61.2538,
-93.6224

■ 226.3170, 9.2107,
-14.3100

■ 113.6320, 64.7644,
-99.6553

■ 239.6620, 2.6316,
-4.0886

■ 251.5120, -3.2104,
3.0590

■ 253.8600, -4.3680,
0.9998

Harmonies

Analogous

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



163.7460, 31.6772, -80.4612



173.5350, 35.2322, -53.9662



183.0280, 31.0452, -17.5646

Triad

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



173.5350, 35.2322, -53.9662



185.7510, -8.7512, 53.7154



175.1290, -19.2906, -19.4071

Complementary

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



173.5350, 35.2322, -53.9662



183.4650, -35.2322, 53.9662

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.



179.2590, -29.7077, 8.5429



173.5350, 35.2322, -53.9662



184.7600, -22.5597, 49.3225

Square

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



173.5350, 35.2322, -53.9662



187.3980, 6.7058, 42.6240



182.2990, -30.2204, 33.0638



169.4100, -2.1741, -49.4716

Rectangle

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



173.5350, 35.2322, -53.9662



186.4610, 24.4227, 6.6117



182.2990, -30.2204, 33.0638



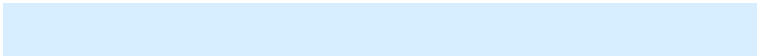
176.6310, -23.9751, -10.2004

Sweetspot

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



173.5350, 35.2322, -53.9662



232.7620, 10.9633, -16.4543



196.1130, -15.3387, -73.7671



114.6550, 6.5791, -10.2214



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.



173.5350, 35.2322, -53.9662



166.0370, 43.8588, -67.5614



134.7930, 54.3321, -19.9895



115.4770, 3.2158, -4.8033



86.3610, 49.1220, -75.7386



27.2710, 15.6424, -23.9167

Inverse Universe

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



160.7730, 14.9019, 73.8671



149.9200, 18.7734, 92.1552



222.2070, -54.3321, 19.9895



114.3860, 1.2887, 6.6775



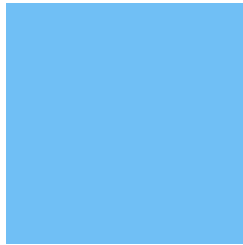
68.2680, 21.0669, 103.2510



21.6310, 6.5909, 32.7726

Previews

White Background



This preview shows how the YUV color 173.5350, 35.2322, -53.9662 looks on a white background.

Color Contrast Check

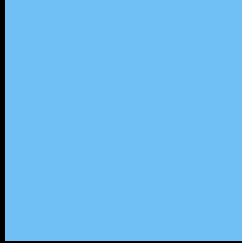
Large Text (above 18pt) WCAG AA × Fail

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 173.5350, 35.2322, -53.9662 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

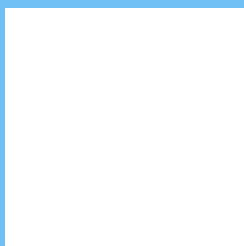
Any Text WCAG AAA ✓ Pass

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

YUV 173.5350, 35.2322, -53.9662 Background



This preview shows how black text looks on a background with the YUV color 173.5350, 35.2322, -53.9662.



This preview shows how white text looks on a background with the YUV color 173.5350, 35.2322, -53.9662.

-53.9662.

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

173.5350, 35.2322, -53.9662

Protanopia

182.6110, 26.8138, -13.6908

Deuteranopia

182.6690, 32.2082, -17.2497



Tritanopia

169.8210, 21.2872, -61.2330

Trichromacy



Original Color

173.5350, 35.2322, -53.9662

Protanomaly

179.3210, 29.9147, -28.3455

Deuteranomaly

179.2220, 33.4146, -30.8897

Tritanomaly

171.2110, 26.5180, -58.9440

Monochromacy



Original Color

173.5350, 35.2322, -53.9662

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

173.6090, 13.0108, -19.8281

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.5350, 35.2322, -53.9662 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(112, 191, 245)` looks like.

```
.text, #text, p{  
    color:rgb(112, 191, 245)  
}
```

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(112, 191, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 191, 245) }
```

Border

The CSS property to change the border of an element to YUV 173.5350, 35.2322, -53.9662 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(112, 191, 245) }
```


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

```
.border{ border-color:rgb(112, 191, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 191, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 191, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 191, 245);  
box-shadow:4px 4px 4px 4px rgb(112, 191,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 173.5350, 35.2322, -53.9662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 191, 245) }
```

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

```
.background{ background-color: rgb(112,  
191, 245) }
```

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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