

Converting Colors

YUV(175.3530, 37.7870,
-80.1166)

Have a look what the booklet for
YUV(175.3530, 37.7870, -80.1166)
contains.

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Color

**YUV(175.3530, 37.7870,
-80.1166)**

Conversions

Conversions Part 1

Format	Color
Hex	54CFFC
RGB	84, 207, 252
RGB Percent	33%, 81%, 99%
CMY	0.6706, 0.1882, 0.0118
CMYK	0.67, 0.18, 0.00, 0.01
HSL	196°, 97%, 66%
HSV	196°, 67%, 99%
XYZ	43.5397, 53.5387, 100.1347
YIQ	175.3530, -87.7530, -12.0810

Conversions

Conversions Part 2

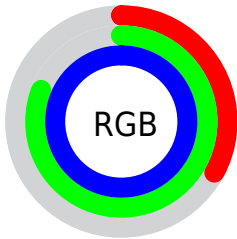
Format	Color
R_{YB}	84, 155, 252
Decimal	5558268
CIE _{Lab}	78.19, -20.56, -32.09
CIE _{LCh}	78, 38.116, 237.350
Yxy	53.5387, 0.2208, 0.2715
Android (android.graphics.Color)	4283748348 (0xFF54CFFC)
YUV	175.3530, 37.7870, -80.1166
Hunter-Lab	73.1702, -21.8320, -29.9203

Details

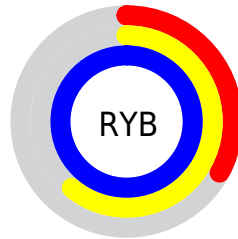
The YUV color **175.3530, 37.7870, -80.1166** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **160.6470, -37.7870, 80.1166**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.6050, 15.4777, -64.5516**, and **112.0410, 40.8988, -98.2600** is the 20% darker color. If you saturate the color by 10%, you get **163.7690, 43.4979, -91.8824**, and if you desaturate by 10%, it is **186.9370, 32.0761, -68.3507**.

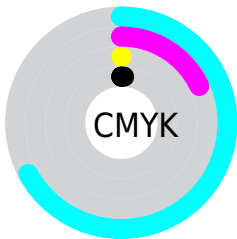
Distribution



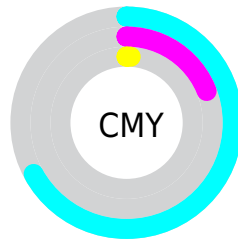
- Red (33%)
- Green (81%)
- Blue (99%)



- Red (33%)
- Yellow (61%)
- Blue (99%)



- Cyan (67%)
- Magenta (18%)
- Yellow (0%)
- Black (1%)



- Cyan (67%)
- Magenta (19%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.3530, 37.7870, -80.1166 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 175.3530, 37.7870, -80.1166 by changing the saturation by 10% instead.

175.3530, 37.7870,
-80.1166

175.3530, 37.7870,
-80.1166

255.0000, 0.0000,
0.0000

143.0530, 39.4139,
-88.6235

223.6050, 15.4777,
-64.5516

112.0410, 40.8988,
-98.2600

232.8740, 10.9081,
-45.4935

93.7010, 36.6294,
-82.1758

242.1430, 6.3385,
-26.4354

75.3610, 32.3600,
-66.0916

251.4120, 1.7689,
-7.3773

58.4230, 28.3855,
-51.2370

42.0720, 24.1215,
-36.8971

27.5960, 19.4262,

-24.2017

■ 6.8910, 18.7877,
-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 175.3530, 37.7870,
-80.1166

■ 175.3530, 37.7870,
-80.1166

■ 163.7690, 43.4979,
-91.8824

■ 186.9370, 32.0761,
-68.3507

■ 152.7720, 48.9194,
-104.1630

■ 198.5210, 26.3651,
-56.5849

■ 140.8890, 54.7777,
-116.5437

■ 209.8170, 20.7962,
-43.6895

■ 137.3230, 56.5358,
-120.4323

■ 221.4010, 15.0853,
-31.9237

■ 232.9850, 9.3744,
-20.1578

■ 244.5690, 3.6635,
-8.3920

■ 254.0710, -1.0210,
0.8147

■ 254.6580, -1.3104,
0.2999

Harmonies

Analogous

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



169.2300, 27.4946, -92.2867



175.3530, 37.7870, -80.1166



186.8570, 33.5945, -41.9706

Triad

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



175.3530, 37.7870, -80.1166



196.8460, 0.5689, 51.0011



187.7090, -28.9435, -3.2528

Complementary

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



175.3530, 37.7870, -80.1166



160.6470, -37.7870, 80.1166

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.



191.2180, -34.1245, 25.2418



175.3530, 37.7870, -80.1166



194.0300, -15.2978, 53.4707

Square

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



175.3530, 37.7870, -80.1166



198.2640, 16.6318, 32.2175



194.0280, -29.1008, 47.3334



182.6970, -14.1476, -35.6913

Rectangle

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



175.3530, 37.7870, -80.1166



193.2240, 30.4556, -15.1054



194.0280, -29.1008, 47.3334



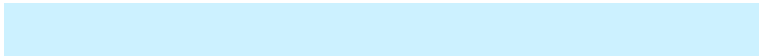
189.3790, -31.7388, 6.6836

Sweetspot

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



175.3530, 37.7870, -80.1166



231.5330, 11.5692, -24.1464



187.7460, -28.9618, -90.9852



113.4480, 7.1741, -14.4249



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.



175.3530, 37.7870, -80.1166



161.7190, 45.9875, -97.1006



126.0450, 62.0958, -36.8735



119.3520, 2.7845, -6.4477



102.5520, 42.6189, -89.9381



33.3690, 13.6221, -29.2646

Inverse Universe

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



148.2540, 28.9618, 90.9852



128.9820, 35.0119, 110.5178



209.9550, -62.0958, 36.8735



117.0270, 2.4517, 6.9923



72.2430, 32.4182, 102.3959



23.3690, 10.6641, 33.0024

Previews

White Background



This preview shows how the YUV color 175.3530, 37.7870, -80.1166 looks on a white background.

Color Contrast Check

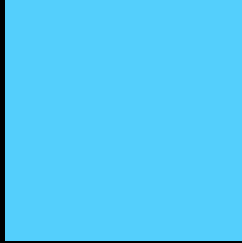
Large Text (above 18pt) WCAG AA × Fail

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 175.3530, 37.7870, -80.1166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

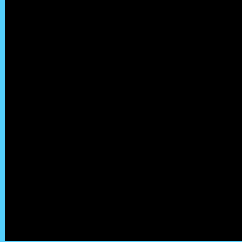
Any Text WCAG AA ✓ Pass

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 175.3530, 37.7870, -80.1166 Background



This preview shows how black text looks on a background with the YUV color 175.3530, 37.7870, -80.1166.



This preview shows how white text looks on a background with the YUV color 175.3530, 37.7870, -80.1166.

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

175.3530, 37.7870, -80.1166

Protanopia

192.7100, 23.3140, -11.1467

Deuteranopia

192.6370, 30.7450, -14.5906



Tritanopia

170.7790, 28.2100, -88.3832

Trichromacy



Original Color

175.3530, 37.7870, -80.1166

Protanomaly

186.2230, 28.4841, -36.1526

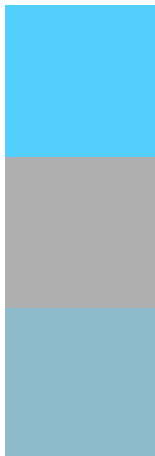
Deuteranomaly

186.7650, 33.1469, -38.3819

Tritanomaly

172.7130, 31.6935, -85.6943

Monochromacy



Original Color

175.3530, 37.7870, -80.1166

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

175.3690, 13.6221, -29.2646

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.3530, 37.7870, -80.1166 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(84, 207, 252)` looks like.

```
.text, #text, p{  
    color:rgb(84, 207, 252)  
}
```

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(84, 207, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 207, 252) }
```

Border

The CSS property to change the border of an element to YUV 175.3530, 37.7870, -80.1166 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(84, 207, 252) }
```


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

```
.border{ border-color:rgb(84, 207, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 207, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 207, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 207, 252);  
box-shadow:4px 4px 4px 4px rgb(84, 207,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 175.3530, 37.7870, -80.1166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 207, 252) }
```

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

```
.background{ background-color: rgb(84, 207,  
252) }
```

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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