

Converting Colors

YUV(170.9310, 37.9950,
-53.4365)

Have a look what the booklet for
YUV(170.9310, 37.9950, -53.4365)
contains.

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Color

**YUV(170.9310, 37.9950,
-53.4365)**

Conversions

Conversions Part 1

Format	Color
Hex	6EBBF8
RGB	110, 187, 248
RGB Percent	43%, 73%, 97%
CMY	0.5686, 0.2667, 0.0275
CMYK	0.56, 0.25, 0.00, 0.03
HSL	207°, 91%, 70%
HSV	207°, 56%, 97%
XYZ	41.1440, 45.6330, 95.4465
YIQ	170.9310, -65.4730, 2.6470

Conversions

Conversions Part 2

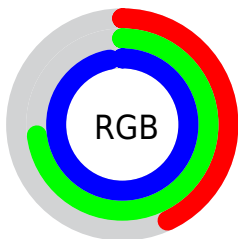
Format	Color
R _{YB}	110, 159, 248
Decimal	7257080
CIE _{Lab}	73.31, -6.71, -37.43
CIE _{LCh}	73, 38.029, 259.838
Y _{xy}	45.6330, 0.2258, 0.2504
Android (android.graphics.Color)	4285447160 (0xFF6EBBF8)
Y _{UV}	170.9310, 37.9950, -53.4365
Hunter-Lab	67.5522, -9.4973, -36.4861

Details

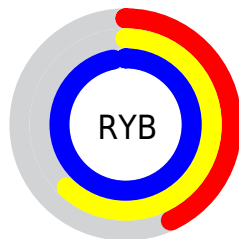
The YUV color **170.9310, 37.9950, -53.4365** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **187.0690, -37.9950, 53.4365**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.5410, 16.0023, -46.0785**, and **112.9900, 38.4589, -62.2582** is the 20% darker color. If you saturate the color by 10%, you get **156.9990, 44.8635, -63.1431**, and if you desaturate by 10%, it is **184.8630, 31.1265, -43.7299**.

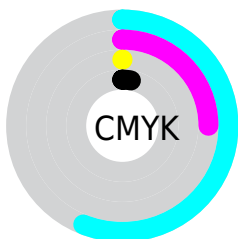
Distribution



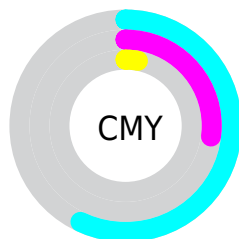
- Red (43%)
- Green (73%)
- Blue (97%)



- Red (43%)
- Yellow (62%)
- Blue (97%)



- Cyan (56%)
- Magenta (25%)
- Yellow (0%)
- Black (3%)



- Cyan (57%)
- Magenta (27%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.9310, 37.9950, -53.4365 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 170.9310, 37.9950, -53.4365 by changing the saturation by 10% instead.

■ 170.9310, 37.9950,
-53.4365

■ 170.9310, 37.9950,
-53.4365

255.0000, 0.0000,
0.0000

■ 142.5070, 37.7110,
-55.6956

■ 222.5410, 16.0023,
-46.0785

■ 112.9900, 38.4589,
-62.2582

■ 238.2560, 8.2548,
-34.4275

■ 82.6790, 40.0913,
-72.5095

■ 247.2260, 3.8326,
-15.9842

■ 65.5130, 35.2431,
-57.4549

■ 49.1620, 30.9791,
-43.1151

■ 33.3980, 26.4258,
-29.2900

■ 18.9220, 21.7305,

-16.5946

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 170.9310, 37.9950,
-53.4365

■ 170.9310, 37.9950,
-53.4365

■ 156.9990, 44.8635,
-63.1431

■ 184.8630, 31.1265,
-43.7299

■ 143.0670, 51.7320,
-72.8498

■ 198.7950, 24.2581,
-34.0232

■ 129.4340, 58.4530,
-81.9416

■ 212.4280, 17.5370,
-24.9314

■ 115.5020, 65.3215,
-91.6483

■ 226.3600, 10.6685,
-15.2247

■ 109.2780, 68.3899,
-95.8368

■ 240.2920, 3.8000,
-5.5181

■ 253.0280, -2.4788,
1.7294

■ 254.2020, -3.0576,
0.6998

Harmonies

Analogous

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



156.7600, 37.0933, -90.9975



170.9310, 37.9950, -53.4365



180.5880, 31.7551, -11.9167

Triad

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



170.9310, 37.9950, -53.4365



182.5620, -12.1091, 57.3891



170.4270, -17.9585, -26.6845

Complementary

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



170.9310, 37.9950, -53.4365



187.0690, -37.9950, 53.4365

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.



175.2970, -30.7124, 4.1245



170.9310, 37.9950, -53.4365



180.8480, -26.0541, 50.1223

Square

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



170.9310, 37.9950, -53.4365



184.1600, 4.3581, 48.9717



178.7780, -33.4146, 30.8897



163.9680, 1.4948, -59.6079

Rectangle

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



170.9310, 37.9950, -53.4365



184.2060, 24.5484, 12.9743



178.7780, -33.4146, 30.8897



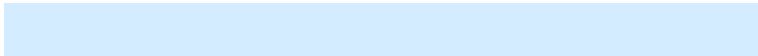
172.4130, -23.3746, -16.1482

Sweetspot

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



170.9310, 37.9950, -53.4365



230.9900, 11.8369, -16.6542



197.8460, -13.7281, -77.0409



113.1820, 7.3053, -9.8066



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.



170.9310, 37.9950, -53.4365



159.2590, 47.2003, -66.0021



131.0150, 57.6736, -18.4302



117.5910, 3.6526, -4.9033



83.1810, 52.1688, -72.9497



26.9120, 16.8054, -23.6018

Inverse Universe

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



160.0400, 13.2913, 77.1409



145.9590, 16.2892, 95.6290



226.9850, -57.6736, 18.4302



116.6850, 1.1413, 7.2923



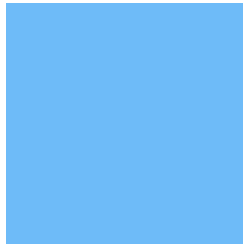
68.4810, 18.0039, 105.6952



22.1150, 5.8593, 34.1021

Previews

White Background



This preview shows how the YUV color 170.9310, 37.9950, -53.4365 looks on a white background.

Color Contrast Check

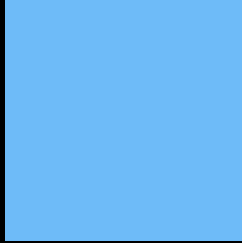
Large Text (above 18pt) WCAG AA × Fail

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 170.9310, 37.9950, -53.4365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

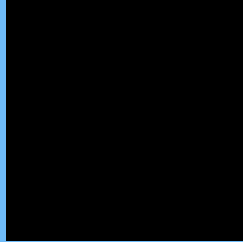
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

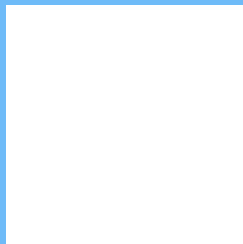
Any Text WCAG AAA ✓ Pass

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

YUV 170.9310, 37.9950, -53.4365 Background



This preview shows how black text looks on a background with the YUV color 170.9310, 37.9950, -53.4365.



This preview shows how white text looks on a background with the YUV color 170.9310, 37.9950, -53.4365.

-53.4365.

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

170.9310, 37.9950, -53.4365

Protanopia

179.3980, 29.8768, -16.1350

Deuteranopia

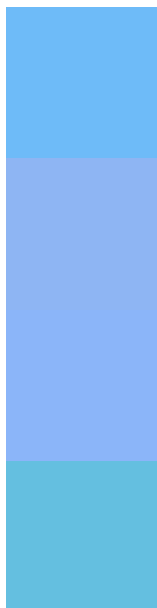
178.7440, 35.1292, -20.8235



Tritanopia

166.2230, 21.5821, -62.4626

Trichromacy



Original Color

170.9310, 37.9950, -53.4365

Protanomaly

176.4070, 32.8303, -30.1749

Deuteranomaly

176.1940, 35.8934, -32.6191

Tritanomaly

167.5530, 27.8284, -59.2440

Monochromacy



Original Color

170.9310, 37.9950, -53.4365

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.1360, 13.7370, -19.4133

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.9310, 37.9950, -53.4365 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(110, 187, 248)` looks like.

```
.text, #text, p{  
    color:rgb(110, 187, 248)  
}
```

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(110, 187, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 187, 248) }
```

Border

The CSS property to change the border of an element to YUV 170.9310, 37.9950, -53.4365 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(110, 187, 248) }
```


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

```
.border{ border-color:rgb(110, 187, 248) }
```

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

Here you see how a box with a 4 pixel rgb(110, 187, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 187, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 187, 248);  
box-shadow:4px 4px 4px 4px rgb(110, 187,  
248) }
```

Background

The CSS property to change the background color of an element to YUV 170.9310, 37.9950, -53.4365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 187, 248) }
```

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

```
.background{ background-color: rgb(110,  
187, 248) }
```

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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