

Converting Colors

YUV(166.9290, 37.5030,
-82.3757)

Have a look what the booklet for
YUV(166.9290, 37.5030, -82.3757)
contains.

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Color

**YUV(166.9290, 37.5030,
-82.3757)**

Conversions

Conversions Part 1

Format	Color
Hex	49C8F3
RGB	73, 200, 243
RGB Percent	29%, 78%, 95%
CMY	0.7137, 0.2157, 0.0471
CMYK	0.70, 0.18, 0.00, 0.05
HSL	195°, 88%, 62%
HSV	195°, 70%, 95%
XYZ	39.5796, 49.1961, 92.2037
YIQ	166.9290, -89.4950, -13.5510

Conversions

Conversions Part 2

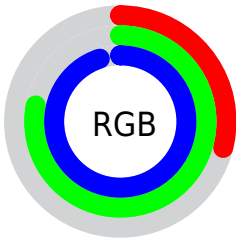
Format	Color
R _Y B	73, 146, 243
Decimal	4835571
CIE Lab	75.57, -21.33, -31.33
CIE LCh	76, 37.906, 235.748
Yxy	49.1961, 0.2187, 0.2718
Android (android.graphics.Color)	4283025651 (0xFF49C8F3)
YUV	166.9290, 37.5030, -82.3757
Hunter-Lab	70.1399, -22.0182, -28.8428

Details

The YUV color **166.9290, 37.5030, -82.3757** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **149.0710, -37.5030, 82.3757**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.9140, 16.8044, -70.0846**, and **107.0200, 39.4301, -93.8565** is the 20% darker color. If you saturate the color by 10%, you get **156.2310, 42.7771, -94.0416**, and if you desaturate by 10%, it is **177.6270, 32.2289, -70.7099**.

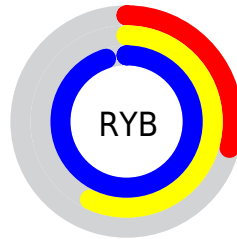
Distribution



Red (29%)

Green (78%)

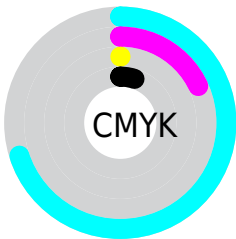
Blue (95%)



Red (29%)

Yellow (57%)

Blue (95%)

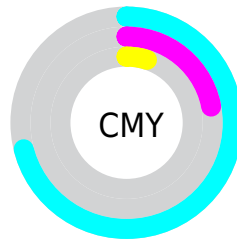


Cyan (70%)

Magenta (18%)

Yellow (0%)

Black (5%)



Cyan (71%)

Magenta (22%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.9290, 37.5030, -82.3757 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 166.9290, 37.5030, -82.3757 by changing the saturation by 10% instead.

166.9290, 37.5030,
-82.3757

166.9290, 37.5030,
-82.3757

255.0000, 0.0000,
0.0000

132.6390, 40.6040,
-97.0304

220.9140, 16.8044,
-70.0846

107.0200, 39.4301,
-93.8565

230.1830, 12.2348,
-51.0265

88.6800, 35.1608,
-77.7724

239.4520, 7.6652,
-31.9684

70.9270, 30.6020,
-62.2030

248.7210, 3.0955,
-12.9103

53.9890, 26.6274,
-47.3484

38.2250, 22.0741,
-33.5233

24.4500, 17.5261,

-21.4427

■ 6.0930, 15.7302,
-5.3436

■ 2.2970, 6.2626,
-2.0145

■ 166.9290, 37.5030,
-82.3757

■ 166.9290, 37.5030,
-82.3757

■ 156.2310, 42.7771,
-94.0416

■ 177.6270, 32.2289,
-70.7099

■ 145.2340, 48.1986,
-106.3222

■ 188.6240, 26.8074,
-58.4292

■ 134.5360, 53.4728,
-117.9881

■ 199.3220, 21.5333,
-46.7634

■ 210.6070, 15.9697,
-35.6123

■ 221.3050, 10.6956,
-23.9465

■ 232.3020, 5.2741,
-11.6659

■ 243.0000, 0.0000,
0.0000

■ 250.1100, -3.5052,
4.2885

■ 253.6320, -5.2416,
1.1997

Harmonies

Analogous

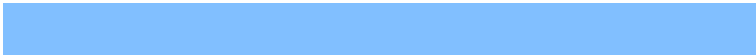
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



161.5890, 26.3316, -92.6016



166.9290, 37.5030, -82.3757



179.7580, 37.0943, -44.5148

Triad

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



166.9290, 37.5030, -82.3757



190.6720, 1.1477, 52.0307



180.7200, -28.9490, -1.5084

Complementary

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



166.9290, 37.5030, -82.3757



149.0710, -37.5030, 82.3757

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.



184.0440, -33.5457, 26.2714



166.9290, 37.5030, -82.3757



188.4650, -15.0192, 57.4742

Square

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



166.9290, 37.5030, -82.3757



191.3670, 17.0741, 30.3731



186.6690, -27.9378, 47.6483



175.8930, -14.7372, -33.2322

Rectangle

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



166.9290, 37.5030, -82.3757



185.8970, 33.0818, -17.4497



186.6690, -27.9378, 47.6483



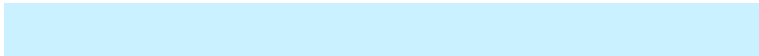
182.0910, -31.5969, 7.8132

Sweetspot

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



166.9290, 37.5030, -82.3757



230.6360, 12.0115, -25.9908



177.5780, -30.8510, -91.7149



113.1490, 7.3215, -15.0397



0.0000, 0.0000, 0.0000



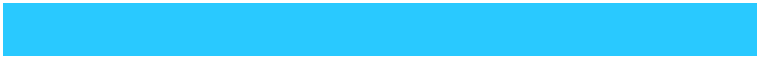
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



166.9290, 37.5030, -82.3757



159.3160, 47.1722, -103.7631



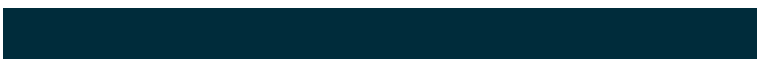
117.0340, 62.1012, -38.6178



116.6510, 2.6371, -5.8329



102.7970, 41.0191, -90.1530



32.5540, 13.0379, -28.5499

Inverse Universe

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



138.3080, 30.4142, 91.8149



123.2260, 38.3426, 115.5658



198.3790, -61.8118, 39.1326



114.6140, 2.1623, 6.4775



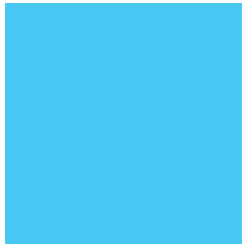
71.4600, 33.2972, 100.4516



22.6570, 10.5221, 31.8728

Previews

White Background



This preview shows how the YUV color 166.9290, 37.5030, -82.3757 looks on a white background.

Color Contrast Check

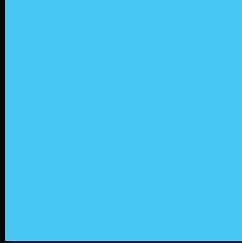
Large Text (above 18pt) WCAG AA × Fail

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 166.9290, 37.5030, -82.3757 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

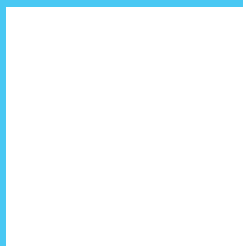
Any Text WCAG AAA ✓ Pass

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

YUV 166.9290, 37.5030, -82.3757 Background



This preview shows how black text looks on a background with the YUV color 166.9290, 37.5030, -82.3757.



This preview shows how white text looks on a background with the YUV color 166.9290, 37.5030, -82.3757.

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

166.9290, 37.5030, -82.3757

Protanopia

185.4820, 22.4404, -10.9467

Deuteranopia

185.2240, 30.4556, -15.1054



Tritanopia

162.1700, 28.5102, -91.3571

Trichromacy



Original Color

166.9290, 37.5030, -82.3757

Protanomaly

178.6960, 27.7579, -36.5674

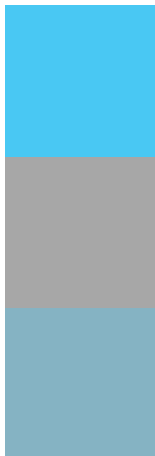
Deuteranomaly

178.7540, 33.1523, -40.1263

Tritanomaly

163.9900, 31.5569, -88.5682

Monochromacy



Original Color

166.9290, 37.5030, -82.3757

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

167.0700, 13.7695, -29.8794

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.9290, 37.5030, -82.3757 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(73, 200, 243)` looks like.

```
.text, #text, p{  
    color:rgb(73, 200, 243)  
}
```

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(73, 200, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 200, 243) }
```

Border

The CSS property to change the border of an element to YUV 166.9290, 37.5030, -82.3757 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(73, 200, 243) }
```


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

```
.border{ border-color:rgb(73, 200, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 200, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 200, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 200, 243);  
box-shadow:4px 4px 4px 4px rgb(73, 200,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 166.9290, 37.5030, -82.3757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 200, 243) }
```

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

```
.background{ background-color: rgb(73, 200,  
243) }
```

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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