

Converting Colors

YUV(177.0840, 35.9476,
-50.0627)

Have a look what the booklet for
YUV(177.0840, 35.9476, -50.0627)
contains.

YUV(177.0840, 35.9476, -50.0627)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(177.0840, 35.9476,
-50.0627)**

Conversions

Conversions Part 1

Format	Color
Hex	78C0FA
RGB	120, 192, 250
RGB Percent	47%, 75%, 98%
CMY	0.5294, 0.2471, 0.0196
CMYK	0.52, 0.23, 0.00, 0.02
HSL	207°, 93%, 73%
HSV	207°, 52%, 98%
XYZ	43.8507, 48.5945, 97.5110
YIQ	177.0840, -61.5300, 2.7740

Conversions

Conversions Part 2

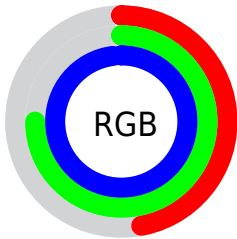
Format	Color
RYB	120, 166, 250
Decimal	7913722
CIELab	75.20, -6.74, -35.54
CIELCh	75, 36.175, 259.255
Yxy	48.5945, 0.2308, 0.2558
Android (android.graphics.Color)	4286103802 (0xFF78C0FA)
YUV	177.0840, 35.9476, -50.0627
Hunter-Lab	69.7097, -9.7072, -34.1389

Details

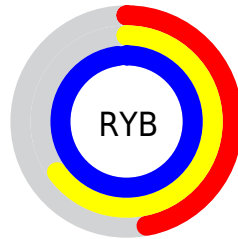
The YUV color **177.0840, 35.9476, -50.0627** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **192.9160, -35.9476, 50.0627**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.1670, 13.2287, -43.1195**, and **120.9370, 35.5271, -55.1957** is the 20% darker color. If you saturate the color by 10%, you get **163.1520, 42.8161, -59.7693**, and if you desaturate by 10%, it is **191.0160, 29.0791, -40.3560**.

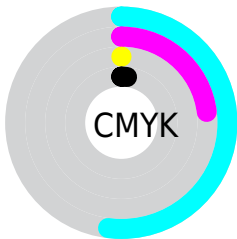
Distribution



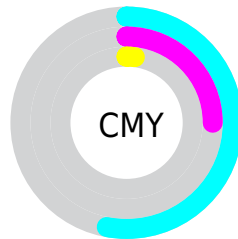
- Red (47%)
- Green (75%)
- Blue (98%)



- Red (47%)
- Yellow (65%)
- Blue (98%)



- Cyan (52%)
- Magenta (23%)
- Yellow (0%)
- Black (2%)



- Cyan (53%)
- Magenta (25%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.0840, 35.9476, -50.0627 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 177.0840, 35.9476, -50.0627 by changing the saturation by 10% instead.

■ 177.0840, 35.9476,
-50.0627

■ 177.0840, 35.9476,
-50.0627

255.0000, 0.0000,
0.0000

■ 148.9590, 35.5162,
-51.7070

■ 228.1670, 13.2287,
-43.1195

■ 120.9370, 35.5271,
-55.1957

■ 240.9470, 6.9281,
-28.8945

■ 87.6470, 38.6280,
-69.8504

■ 249.9170, 2.5059,
-10.4512

■ 68.0890, 34.9591,
-59.7141

■ 51.7380, 30.6952,
-45.3742

■ 35.9740, 26.1418,
-31.5492

■ 21.4980, 21.4465,

-18.8537

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 177.0840, 35.9476,
-50.0627

■ 177.0840, 35.9476,
-50.0627

■ 163.1520, 42.8161,
-59.7693

■ 191.0160, 29.0791,
-40.3560

■ 149.2200, 49.6845,
-69.4759

■ 204.9480, 22.2106,
-30.6494

■ 135.2880, 56.5530,
-79.1826

■ 218.8800, 15.3422,
-20.9428

■ 120.7690, 63.7109,
-88.3744

■ 233.3990, 8.1843,
-11.7509

■ 109.5060, 69.2635,
-96.0368

■ 247.3310, 1.3158,
-2.0443

■ 254.4300, -2.1840,
0.4999

Harmonies

Analogous

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



166.3160, 33.8612, -80.9611



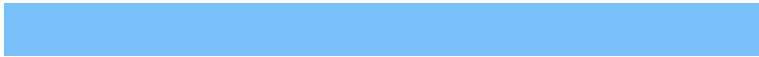
177.0840, 35.9476, -50.0627



185.9470, 30.5921, -12.2315

Triad

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



177.0840, 35.9476, -50.0627



188.3660, -11.5194, 54.9300



176.5520, -17.5271, -25.0401

Complementary

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



177.0840, 35.9476, -50.0627



192.9160, -35.9476, 50.0627

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.



180.9380, -29.5494, 4.4394



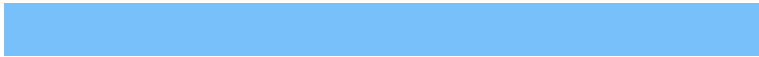
177.0840, 35.9476, -50.0627



186.4780, -24.8857, 48.6928

Square

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



177.0840, 35.9476, -50.0627



189.8500, 4.5110, 46.6126



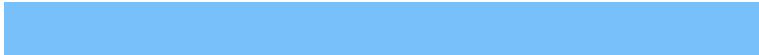
184.2340, -31.6674, 30.4898



170.7620, 0.6103, -55.9193

Rectangle

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



177.0840, 35.9476, -50.0627



189.2660, 23.5329, 12.0447



184.2340, -31.6674, 30.4898



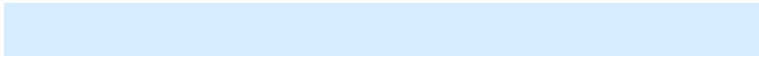
178.3530, -22.3590, -15.2186

Sweetspot

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



177.0840, 35.9476, -50.0627



232.1750, 11.2527, -15.9395



202.6940, -13.1601, -72.5226



114.0680, 6.8685, -9.7066



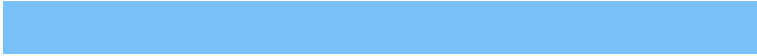
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



177.0840, 35.9476, -50.0627



166.0810, 43.8371, -60.5840



140.1030, 54.1792, -17.6303



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.



167.0780, 12.2865, 72.7226



154.1600, 14.7111, 88.4367



229.8970, -54.1792, 17.6303



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 177.0840, 35.9476, -50.0627 looks on a white background.

Color Contrast Check

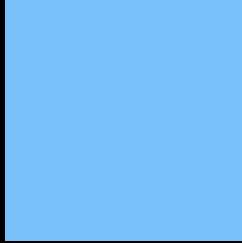
Large Text (above 18pt) WCAG AA × Fail

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 177.0840, 35.9476, -50.0627 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

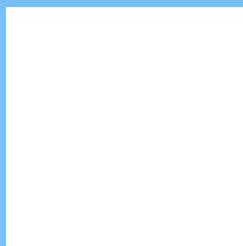
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 177.0840, 35.9476, -50.0627

Background



This preview shows how black text looks on a background with the YUV color 177.0840, 35.9476, -50.0627.



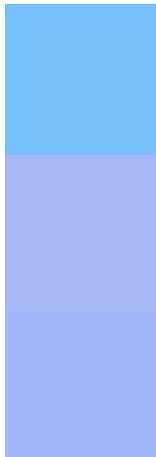
This preview shows how white text looks on a background with the YUV color 177.0840, 35.9476, -50.0627.

-50.0627.

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

177.0840, 35.9476, -50.0627

Protanopia

184.7680, 28.7084, -14.7055

Deuteranopia

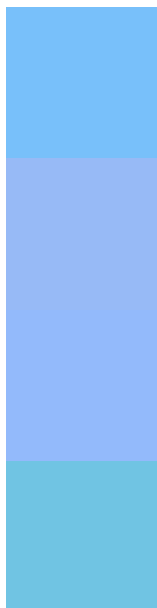
184.2990, 33.3766, -18.6792



Tritanopia

172.9140, 20.2554, -56.9296

Trichromacy



Original Color

177.0840, 35.9476, -50.0627

Protanomaly

182.3750, 31.3671, -27.5159

Deuteranomaly

181.7490, 34.1407, -30.4749

Tritanomaly

174.4180, 25.9229, -54.7406

Monochromacy



Original Color

177.0840, 35.9476, -50.0627

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

176.7340, 13.4421, -18.1837

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.0840, 35.9476, -50.0627 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(120, 192, 250)` looks like.

```
.text, #text, p{  
    color:rgb(120, 192, 250)  
}
```

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(120, 192, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 192, 250) }
```

Border

The CSS property to change the border of an element to YUV 177.0840, 35.9476, -50.0627 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(120, 192, 250) }
```


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

```
.border{ border-color:rgb(120, 192, 250) }
```

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

Here you see how a box with a 4 pixel rgb(120, 192, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 192, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 192, 250);  
box-shadow:4px 4px 4px 4px rgb(120, 192,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 177.0840, 35.9476, -50.0627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 192, 250) }
```

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

```
.background{ background-color: rgb(120,  
192, 250) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor