

Converting Colors

YUV(177.8130, 36.5742,
-111.2150)

Have a look what the booklet for
YUV(177.8130, 36.5742, -111.2150)
contains.

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Color

**YUV(177.8130, 36.5742,
-111.2150)**

Conversions

Conversions Part 1

Format	Color
Hex	33E4FC
RGB	51, 228, 252
RGB Percent	20%, 89%, 99%
CMY	0.8000, 0.1059, 0.0118
CMYK	0.80, 0.10, 0.00, 0.01
HSL	187°, 97%, 59%
HSV	187°, 80%, 99%
XYZ	46.6793, 63.2189, 101.8377
YIQ	177.8130, -113.1960, -30.0600

Conversions

Conversions Part 2

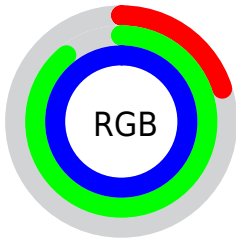
Format	Color
R_{YB}	51, 145, 252
Decimal	3400956
CIE _{Lab}	83.56, -34.64, -23.94
CIE _{LCh}	84, 42.107, 214.647
Yxy	63.2189, 0.2205, 0.2986
Android (android.graphics.Color)	4281591036 (0xFF33E4FC)
YUV	177.8130, 36.5742, -111.2150
Hunter-Lab	79.5103, -34.3483, -20.2821

Details

The YUV color **177.8130, 36.5742, -111.2150** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **125.1870, -36.5742, 111.2150**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.9240, 18.2785, -76.2323**, and **123.1940, 35.4004, -108.0411** is the 20% darker color. If you saturate the color by 10%, you get **168.5770, 41.1275, -125.0400**, and if you desaturate by 10%, it is **187.0490, 32.0208, -97.3900**.

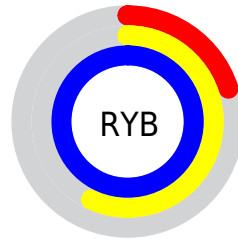
Distribution



Red (20%)

Green (89%)

Blue (99%)



Red (20%)

Yellow (57%)

Blue (99%)

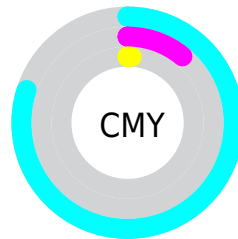


Cyan (80%)

Magenta (10%)

Yellow (0%)

Black (1%)



Cyan (80%)

Magenta (11%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.8130, 36.5742, -111.2150 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 177.8130, 36.5742, -111.2150 by changing the saturation by 10% instead.

177.8130, 36.5742,
-111.2150

177.8130, 36.5742,
-111.2150

255.0000, 0.0000,
0.0000

142.8220, 39.5278,
-125.2549

217.9240, 18.2785,
-76.2323

123.1940, 35.4004,
-108.0411

227.7910, 13.4140,
-55.9447

104.2670, 31.4204,
-91.4422

237.6580, 8.5496,
-35.6571

86.0410, 27.5878,
-75.4580

247.2260, 3.8326,
-15.9842

68.4020, 23.4658,
-59.9886

50.8770, 19.7806,
-44.6191

34.7540, 16.3903,

-30.4793

■ 18.6310, 12.9999,
-16.3394

■ 3.4370, 10.6306,
-3.0142

■ 177.8130, 36.5742,
-111.2150

■ 177.8130, 36.5742,
-111.2150

■ 168.5770, 41.1275,
-125.0400

■ 187.0490, 32.0208,
-97.3900

■ 159.3410, 45.6809,
-138.8651

■ 196.2850, 27.4675,
-83.5649

■ 159.0420, 45.8283,
-139.4798

■ 205.8200, 22.7667,
-69.1251

■ 215.0560, 18.2134,
-55.3001

■ 224.2920, 13.6600,
-41.4751

■ 233.5280, 9.1067,
-27.6501

■ 242.7640, 4.5533,
-13.8250

■ 252.2990, -0.1474,
0.6148

■ 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.



185.0060, 13.8010, -86.8283



177.8130, 36.5742, -111.2150



187.2020, 33.4244, -80.8612

Triad

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



177.8130, 36.5742, -111.2150



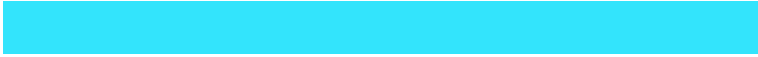
211.3680, 15.5946, 38.2653



205.1590, -38.0394, 20.9086

Complementary

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



177.8130, 36.5742, -111.2150



125.1870, -36.5742, 111.2150

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.



205.7410, -33.8893, 43.2001



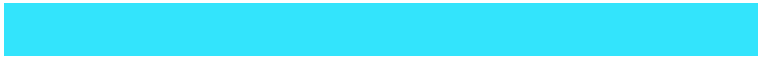
177.8130, 36.5742, -111.2150



203.8730, -0.4304, 44.8384

Square

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



177.8130, 36.5742, -111.2150



210.2010, 22.0859, 9.4707



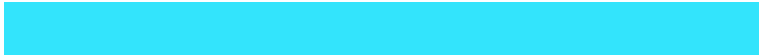
201.8890, -18.1863, 46.5783



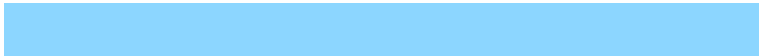
200.3550, -28.7690, -12.5893

Rectangle

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



177.8130, 36.5742, -111.2150



196.5480, 28.8168, -49.5926



201.8890, -18.1863, 46.5783



205.9260, -37.9245, 30.7599

Sweetspot

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



177.8130, 36.5742, -111.2150



232.6520, 11.0176, -33.8978



171.6090, -48.1212, -105.7741



114.0020, 6.9010, -20.1728



0.0000, 0.0000, 0.0000



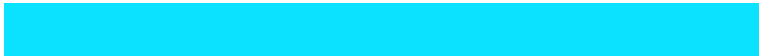
128.0000, 0.0000, 0.0000

Same Dimension

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



177.8130, 36.5742, -111.2150



164.7220, 44.5071, -135.6912



119.1130, 65.5133, -59.7351



119.9390, 2.4951, -6.9625



118.9880, 34.5159, -104.3525



38.6520, 11.0176, -33.8978

Inverse Universe

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



131.2770, 47.6844, 105.8741



107.8790, 58.2337, 129.0251



183.8870, -65.5133, 59.7351



117.1410, 2.8885, 6.8923



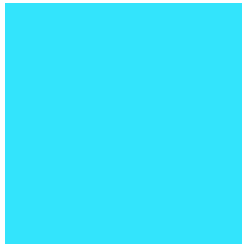
75.4350, 44.6485, 99.5965



24.3950, 14.5953, 32.1026

Previews

White Background



This preview shows how the YUV color 177.8130, 36.5742, -111.2150 looks on a white background.

Color Contrast Check

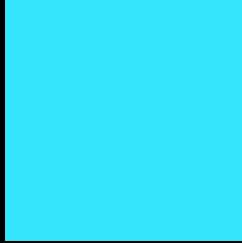
Large Text (above 18pt) WCAG AA × Fail

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 177.8130, 36.5742, -111.2150 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 177.8130, 36.5742, -111.2150 Background



This preview shows how black text looks on a background with the YUV color 177.8130, 36.5742, -111.2150.



This preview shows how white text looks on a background with the YUV color 177.8130, 36.5742, -111.2150.

-111.2150.

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

177.8130, 36.5742, -111.2150

Protanopia

207.3380, 14.1304, -5.5584

Deuteranopia

208.3300, 23.0083, -6.4284



Tritanopia

176.3350, 34.8378, -114.3038

Trichromacy



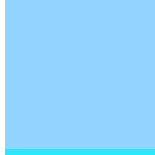
Original Color

177.8130, 36.5742, -111.2150



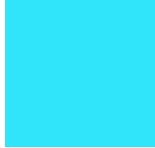
Protanomaly

196.2730, 22.5434, -44.0894



Deuteranomaly

197.0540, 28.0744, -44.7744



Tritanomaly

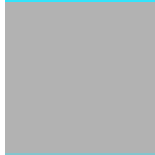
177.1610, 35.4166, -113.2742

Monochromacy



Original Color

177.8130, 36.5742, -111.2150



Achromatopsia

178.0000, 0.0000, 0.0000



Achromatomaly

177.8900, 13.3652, -40.2455

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.8130, 36.5742, -111.2150 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(51, 228, 252)` looks like.

```
.text, #text, p{  
    color:rgb(51, 228, 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(51, 228, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 228, 252) }
```

Border

The CSS property to change the border of an element to YUV 177.8130, 36.5742, -111.2150 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(51, 228, 252) }
```


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

```
.border{ border-color:rgb(51, 228, 252) }
```

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

Here you see how a box with a 4 pixel rgb(51, 228, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 228, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 228, 252);  
box-shadow:4px 4px 4px 4px rgb(51, 228,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 177.8130, 36.5742, -111.2150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 228, 252) }
```

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

```
.background{ background-color: rgb(51, 228,  
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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