

Converting Colors

YUV(130.2960, 57.5351,
-114.2696)

Have a look what the booklet for
YUV(130.2960, 57.5351, -114.2696)
contains.

YUV(130.2960, 57.5351, -114.2696)	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>	30

Color

**YUV(130.2960, 57.5351,
-114.2696)**

Conversions

Conversions Part 1

Format	Color
Hex	00AEF7
RGB	0, 174, 247
RGB Percent	0%, 68%, 97%
CMY	1.0000, 0.3176, 0.0314
CMYK	1.00, 0.30, 0.00, 0.03
HSL	198°, 100%, 48%
HSV	198°, 100%, 97%
XYZ	31.9246, 36.9875, 93.4524
YIQ	130.2960, -127.1370, -14.1850

Conversions

Conversions Part 2

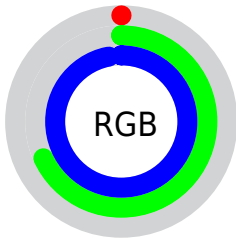
Format	Color
RYB	0, 102, 247
Decimal	44791
CIELab	67.27, -11.35, -46.50
CIElCh	67, 47.867, 256.283
Yxy	36.9875, 0.1966, 0.2278
Android (android.graphics.Color)	4278234871 (0xFF00AEF7)
YUV	130.2960, 57.5351, -114.2696
Hunter-Lab	60.8174, -12.7312, -48.5333

Details

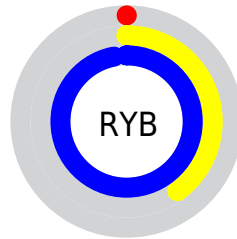
The YUV color **130.2960, 57.5351, -114.2696** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle saturated azure. A complement of this color would be **116.7040, -57.5351, 114.2696**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.6820, 28.7508, -75.1431**, and **93.2740, 47.6859, -81.8013** is the 20% darker color. If you saturate the color by 10%, you get **130.2960, 57.5351, -114.2696**, and if you desaturate by 10%, it is **141.8800, 51.8242, -102.5038**.

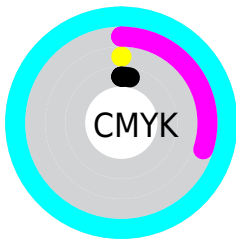
Distribution



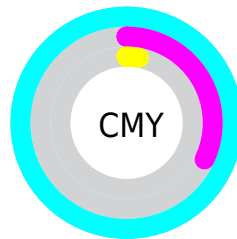
- Red (0%)
- Green (68%)
- Blue (97%)



- Red (0%)
- Yellow (40%)
- Blue (97%)



- Cyan (100%)
- Magenta (30%)
- Yellow (0%)
- Black (3%)



- Cyan (100%)
- Magenta (32%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.2960, 57.5351, -114.2696 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 130.2960, 57.5351, -114.2696 by changing the saturation by 10% instead.

■ 130.2960, 57.5351,
-114.2696

■ 130.2960, 57.5351,
-114.2696

■ 255.0000, 0.0000,
0.0000

■ 111.1410, 52.6815,
-97.4707

■ 196.6820, 28.7508,
-75.1431

■ 93.2740, 47.6859,
-81.8013

■ 222.1100, 16.2148,
-67.6255

■ 75.5210, 43.1271,
-66.2319

■ 231.6780, 11.4977,
-47.9526

■ 58.9420, 37.9896,
-51.6921

■ 241.2460, 6.7807,
-28.2797

■ 42.4770, 33.2888,
-37.2523

■ 250.8140, 2.0637,
-8.6069

■ 28.0010, 28.5935,
-24.5569

■ 10.5900, 25.3451,

-9.2874

■ 6.2070, 16.1669,
-5.4435

■ 2.5250, 7.1362,
-2.2144

■ 130.2960, 57.5351,
-114.2696

■ 141.8800, 51.8242,
-102.5038

■ 153.7520, 45.9713,
-91.8675

■ 165.3360, 40.2604,
-80.1017

■ 176.9200, 34.5494,
-68.3358

■ 189.0910, 28.5491,
-57.0848

■ 200.3760, 22.9856,
-45.9338

■ 211.9600, 17.2747,
-34.1679

■ 223.5440, 11.5638,
-22.4021

■ 235.4160, 5.7109,
-11.7658

Harmonies

Analogous

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



133.0710, 45.3210, -116.7033



130.2960, 57.5351, -114.2696



162.3290, 41.2498, -23.9675

Triad

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



130.2960, 57.5351, -114.2696



164.5790, -11.1314, 70.5292



151.9830, -24.6416, -29.8031

Complementary

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



130.2960, 57.5351, -114.2696



116.7040, -57.5351, 114.2696

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.



158.0280, -39.4538, 7.8684



130.2960, 57.5351, -114.2696



163.6000, -29.8758, 62.6178

Square

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



130.2960, 57.5351, -114.2696



167.3660, 8.6936, 58.4380



160.9980, -40.4250, 39.4668



137.6510, 2.1441, -81.2549

Rectangle

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



130.2960, 57.5351, -114.2696



167.5460, 32.2688, 10.0452



160.9980, -40.4250, 39.4668



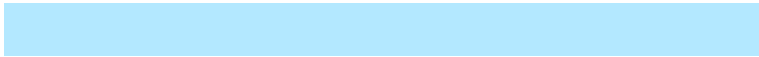
154.1650, -30.6473, -16.8077

Sweetspot

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



130.2960, 57.5351, -114.2696



218.7750, 17.8589, -34.8827



152.9690, -40.9037, -134.1538



106.0280, 10.8322, -21.0726



0.0000, 0.0000, 0.0000



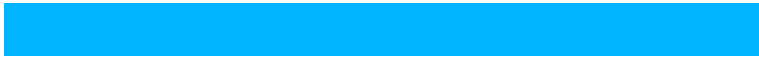
128.0000, 0.0000, 0.0000

Same Dimension

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



130.2960, 57.5351, -114.2696



134.7300, 59.2931, -118.1582



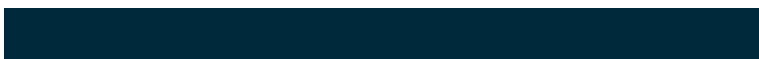
59.8560, 92.2620, -52.4937



116.6510, 2.6371, -5.8329



98.1010, 43.3342, -86.0346



30.7930, 13.9061, -27.0055

Inverse Universe

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



93.6890, 39.5933, 134.4537



96.7650, 41.0349, 138.7721



187.1440, -92.2620, 52.4937



114.6140, 2.1623, 6.4775



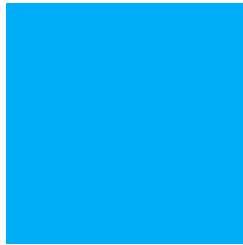
70.5480, 29.8028, 101.2514



22.3150, 9.2117, 32.1727

Previews

White Background



This preview shows how the YUV color 130.2960, 57.5351, -114.2696 looks on a white background.

Color Contrast Check

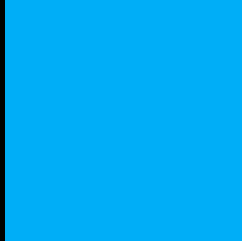
Large Text (above 18pt) WCAG AA × Fail

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 130.2960, 57.5351, -114.2696 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

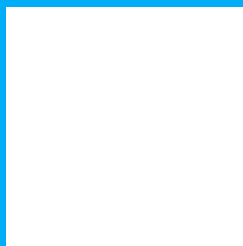
Any Text WCAG AAA ✓ Pass

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

YUV 130.2960, 57.5351, -114.2696 Background



This preview shows how black text looks on a background with the YUV color 130.2960, 57.5351, -114.2696.



This preview shows how white text looks on a background with the YUV color 130.2960, 57.5351, -114.2696.

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



Protanopia

161.9720, 36.0028, -21.0234

Deuteranopia

159.1750, 44.7767, -35.2335

Tritanopia

128.3630, 32.3590, -112.5744

Trichromacy



Protanomaly

150.4130, 43.6734, -54.7362

Deuteranomaly

148.5520, 49.5209, -63.6281

Tritanomaly

128.7680, 41.5264, -112.9295

Monochromacy



Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

130.2410, 21.0802, -41.4304

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.2960, 57.5351, -114.2696 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(0, 174, 247)` looks like.

```
.text, #text, p{  
    color:rgb(0, 174, 247)  
}
```

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(0, 174, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 174, 247) }
```

Border

The CSS property to change the border of an element to YUV 130.2960, 57.5351, -114.2696 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(0, 174, 247) }
```

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

```
.border{ border-color:rgb(0, 174, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 174, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 174, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 174, 247);  
box-shadow:4px 4px 4px 4px rgb(0, 174,  
247) }
```


Background

The CSS property to change the background color of an element to YUV 130.2960, 57.5351, -114.2696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 174, 247) }
```

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

```
.background{ background-color: rgb(0, 174,  
247) }
```

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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