

Converting Colors

YUV(157.0160, 38.9391,
-76.3130)

Have a look what the booklet for
YUV(157.0160, 38.9391, -76.3130)
contains.

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Color

**YUV(157.0160, 38.9391,
-76.3130)**

Conversions

Conversions Part 1

Format	Color
Hex	46BAEC
RGB	70, 186, 236
RGB Percent	27%, 73%, 93%
CMY	0.7255, 0.2706, 0.0745
CMYK	0.70, 0.21, 0.00, 0.07
HSL	198°, 81%, 60%
HSV	198°, 70%, 93%
XYZ	35.2250, 42.4760, 85.6990
YIQ	157.0160, -85.1860, -9.0420

Conversions

Conversions Part 2

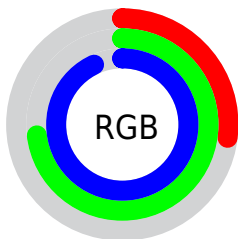
Format	Color
RYB	70, 138, 236
Decimal	4635372
CIELab	71.20, -16.70, -34.32
CIELCh	71, 38.167, 244.045
Yxy	42.4760, 0.2156, 0.2600
Android (android.graphics.Color)	4282825452 (0xFF46BAEC)
YUV	157.0160, 38.9391, -76.3130
Hunter-Lab	65.1736, -17.5783, -32.3409

Details

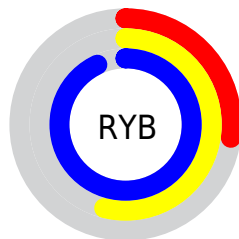
The YUV color **157.0160, 38.9391, -76.3130** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **148.9840, -38.9391, 76.3130**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.0870, 21.1561, -65.8513**, and **98.5910, 40.1346, -86.4643** is the 20% darker color. If you saturate the color by 10%, you get **145.7310, 44.5026, -87.4641**, and if you desaturate by 10%, it is **168.3010, 33.3756, -65.1620**.

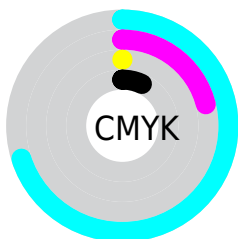
Distribution



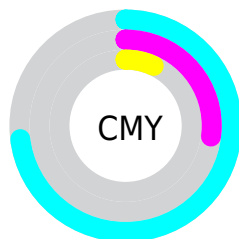
- Red (27%)
- Green (73%)
- Blue (93%)



- Red (27%)
- Yellow (54%)
- Blue (93%)



- Cyan (70%)
- Magenta (21%)
- Yellow (0%)
- Black (7%)



- Cyan (73%)
- Magenta (27%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.0160, 38.9391, -76.3130 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 157.0160, 38.9391, -76.3130 by changing the saturation by 10% instead.

■ 157.0160, 38.9391,
-76.3130

■ 157.0160, 38.9391,
-76.3130

255.0000, 0.0000,
0.0000

■ 122.7260, 42.0401,
-90.9677

■ 212.0870, 21.1561,
-65.8513

■ 98.5910, 40.1346,
-86.4643

■ 228.9870, 12.8244,
-53.4856

■ 80.8380, 35.5759,
-70.8949

■ 237.9570, 8.4022,
-35.0423

■ 63.1990, 31.4539,
-55.4255

■ 247.2260, 3.8326,
-15.9842

■ 46.8480, 27.1899,
-41.0857

■ 31.0840, 22.6366,
-27.2607

■ 13.7870, 19.8250,

-12.0912

■ 4.8220, 13.3988,
-4.2289

■ 0.5700, 2.1840,
-0.4999

■ 157.0160, 38.9391,
-76.3130

■ 157.0160, 38.9391,
-76.3130

■ 145.7310, 44.5026,
-87.4641

■ 168.3010, 33.3756,
-65.1620

■ 134.7450, 49.9187,
-98.0004

■ 179.2870, 27.9595,
-54.6257

■ 123.7590, 55.3348,
-108.5366

■ 190.5720, 22.3960,
-43.4746

■ 201.5580, 16.9799,
-32.9384

■ 213.4300, 11.1270,
-22.3021

■ 224.7150, 5.5635,
-11.1511

■ 235.7010, 0.1474,
-0.6148

■ 245.7900, -4.8265,
8.0772

■ 249.8990, -6.8522,
4.4736

Harmonies

Analogous

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



143.7490, 33.6477, -105.8969



157.0160, 38.9391, -76.3130



170.4820, 35.7514, -33.7487

Triad

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



157.0160, 38.9391, -76.3130



177.8420, -3.3731, 55.3896



167.7620, -26.0117, -10.3153

Complementary

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



157.0160, 38.9391, -76.3130



148.9840, -38.9391, 76.3130

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.



171.7010, -33.3766, 18.6792



157.0160, 38.9391, -76.3130



176.0150, -19.2344, 56.1148

Square

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



157.0160, 38.9391, -76.3130



178.9720, 12.8318, 37.7356



174.3540, -30.2475, 41.7855



161.9180, -9.3266, -42.0241

Rectangle

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



157.0160, 38.9391, -76.3130



175.9800, 30.5759, -6.9985



174.3540, -30.2475, 41.7855



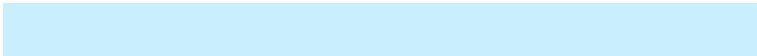
169.3180, -29.2438, -0.2789

Sweetspot

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



157.0160, 38.9391, -76.3130



229.4620, 12.5902, -24.9612



173.1420, -26.1990, -90.4555



112.5620, 7.6109, -14.5249



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.



157.0160, 38.9391, -76.3130



152.8590, 50.3555, -98.1003



108.2950, 62.9586, -33.5847



111.9500, 2.4897, -5.2181



95.1830, 42.3078, -83.4755



27.8750, 12.8796, -24.4464

Inverse Universe

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



132.8580, 26.1990, 90.4555



121.9720, 33.5378, 116.6656



197.7050, -62.9586, 33.5847



110.2010, 1.8729, 5.9627



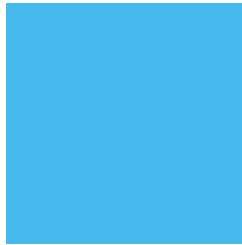
68.5970, 28.7927, 98.5774



20.3640, 8.2015, 29.4988

Previews

White Background



This preview shows how the YUV color 157.0160, 38.9391, -76.3130 looks on a white background.

Color Contrast Check

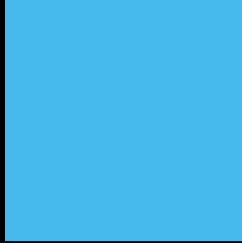
Large Text (above 18pt) WCAG AA × Fail

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 157.0160, 38.9391, -76.3130 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

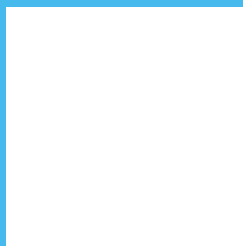
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 157.0160, 38.9391, -76.3130

Background



This preview shows how black text looks on a background with the YUV color 157.0160, 38.9391, -76.3130.



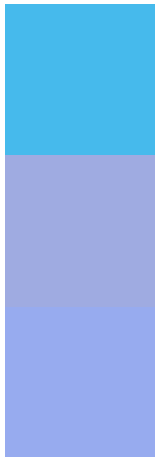
This preview shows how white text looks on a background with the YUV color 157.0160, 38.9391, -76.3130.

-76.3130.

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

157.0160, 38.9391, -76.3130

Protanopia

173.5680, 25.3560, -12.7761

Deuteranopia

172.7720, 32.6504, -19.0940



Tritanopia

150.3660, 27.9206, -88.8980

Trichromacy



Original Color

157.0160, 38.9391, -76.3130

Protanomaly

167.3910, 30.3732, -35.4229

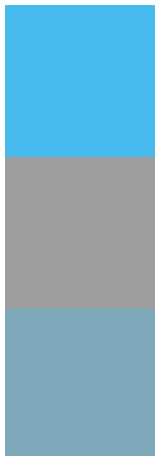
Deuteranomaly

166.9220, 35.0415, -39.3966

Tritanomaly

152.8380, 32.1249, -84.0499

Monochromacy



Original Color

157.0160, 38.9391, -76.3130

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

157.1950, 14.2009, -28.2350

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.0160, 38.9391, -76.3130 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(70, 186, 236)` looks like.

```
.text, #text, p{  
    color:rgb(70, 186, 236)  
}
```

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(70, 186, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 186, 236) }
```

Border

The CSS property to change the border of an element to YUV 157.0160, 38.9391, -76.3130 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(70, 186, 236) }
```


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

```
.border{ border-color:rgb(70, 186, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 186, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 186, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 186, 236);  
box-shadow:4px 4px 4px 4px rgb(70, 186,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 157.0160, 38.9391, -76.3130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 186, 236) }
```

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

```
.background{ background-color: rgb(70, 186,  
236) }
```

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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