

Converting Colors

YUV(165.7730, 37.5799,
-60.3139)

Have a look what the booklet for
YUV(165.7730, 37.5799, -60.3139)
contains.

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Color

**YUV(165.7730, 37.5799,
-60.3139)**

Conversions

Conversions Part 1

Format	Color
Hex	61BAF2
RGB	97, 186, 242
RGB Percent	38%, 73%, 95%
CMY	0.6196, 0.2706, 0.0510
CMYK	0.60, 0.23, 0.00, 0.05
HSL	203°, 85%, 66%
HSV	203°, 60%, 95%
XYZ	38.5157, 44.0700, 90.4808
YIQ	165.7730, -71.0200, -1.4520

Conversions

Conversions Part 2

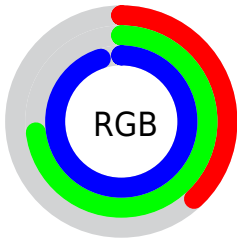
Format	Color
R _Y B	97, 152, 242
Decimal	6404850
CIE Lab	72.28, -10.50, -35.83
CIE LCh	72, 37.337, 253.674
Yxy	44.0700, 0.2225, 0.2546
Android (android.graphics.Color)	4284594930 (0xFF61BAF2)
YUV	165.7730, 37.5799, -60.3139
Hunter-Lab	66.3852, -12.6113, -34.3405

Details

The YUV color **165.7730, 37.5799, -60.3139** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **173.2270, -37.5799, 60.3139**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.3660, 18.0606, -52.9410**, and **103.1620, 40.8391, -79.0721** is the 20% darker color. If you saturate the color by 10%, you get **153.3140, 43.7222, -70.4354**, and if you desaturate by 10%, it is **178.2320, 31.4376, -50.1925**.

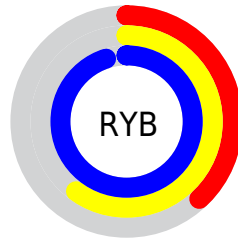
Distribution



Red (38%)

Green (73%)

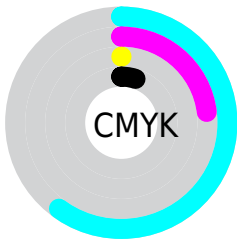
Blue (95%)



Red (38%)

Yellow (60%)

Blue (95%)

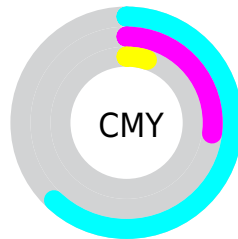


Cyan (60%)

Magenta (23%)

Yellow (0%)

Black (5%)



Cyan (62%)

Magenta (27%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.7730, 37.5799, -60.3139 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 165.7730, 37.5799, -60.3139 by changing the saturation by 10% instead.

■ 165.7730, 37.5799,
-60.3139

■ 165.7730, 37.5799,
-60.3139

■ 255.0000, 0.0000,
0.0000

■ 136.4520, 37.7382,
-64.4174

■ 218.3660, 18.0606,
-52.9410

■ 103.1620, 40.8391,
-79.0721

■ 234.9670, 9.8763,
-41.1901

■ 81.5220, 38.1967,
-71.4948

■ 243.9370, 5.4541,
-22.7467

■ 64.3560, 33.3485,
-56.4402

■ 252.9070, 1.0318,
-4.3034

■ 48.0050, 29.0845,
-42.1004

■ 32.2410, 24.5312,
-28.2754

■ 17.8790, 20.2727,

-15.6799

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 165.7730, 37.5799,
-60.3139

■ 165.7730, 37.5799,
-60.3139

■ 153.3140, 43.7222,
-70.4354

■ 178.2320, 31.4376,
-50.1925

■ 140.2680, 50.1539,
-80.0420

■ 191.2780, 25.0059,
-40.5858

■ 127.5100, 56.4436,
-90.7783

■ 204.0360, 18.7163,
-29.8496

■ 115.0510, 62.5859,
-100.8997

■ 216.4950, 12.5740,
-19.7281

■ 229.5410, 6.1423,
-10.1215

■ 242.0000, 0.0000,
0.0000

■ 251.1700, -4.5208,
3.3589

■ 253.5180, -5.6784,
1.2997

Harmonies

Analogous

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



152.7660, 34.6254, -92.7568



165.7730, 37.5799, -60.3139



176.4730, 32.7978, -19.7088

Triad

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



165.7730, 37.5799, -60.3139



180.1750, -8.4673, 55.9745



169.0750, -20.7430, -20.2368

Complementary

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



165.7730, 37.5799, -60.3139



173.2270, -37.5799, 60.3139

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.



173.2160, -31.1655, 9.4576



165.7730, 37.5799, -60.3139



178.9560, -23.1493, 51.7816

Square

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



165.7730, 37.5799, -60.3139



181.6370, 7.5740, 44.1684



176.5550, -31.8256, 34.5933



162.8720, -2.8949, -51.6307

Rectangle

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



165.7730, 37.5799, -60.3139



180.6180, 26.3173, 5.5970



176.5550, -31.8256, 34.5933



170.5880, -25.4329, -9.2857

Sweetspot

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



165.7730, 37.5799, -60.3139



230.6800, 11.9898, -19.0134



188.4990, -17.5010, -80.2446



112.8720, 7.4581, -12.1657



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.



165.7730, 37.5799, -60.3139



158.3070, 47.6696, -76.5682



123.5090, 58.4161, -23.2484



113.4770, 3.2158, -4.8033



87.3070, 47.6696, -76.5682



26.3420, 14.6214, -23.1019

Inverse Universe

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



150.5010, 17.5010, 80.2446



138.8980, 22.2353, 101.8215



215.4910, -58.4161, 23.2484



112.3860, 1.2887, 6.6775



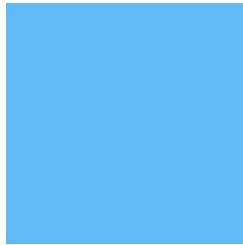
67.8980, 22.2353, 101.8215



20.6200, 6.5963, 31.0283

Previews

White Background



This preview shows how the YUV color 165.7730, 37.5799, -60.3139 looks on a white background.

Color Contrast Check

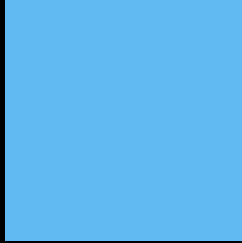
Large Text (above 18pt) WCAG AA × Fail

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 165.7730, 37.5799, -60.3139 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

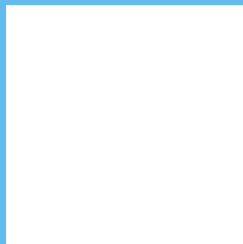
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 165.7730, 37.5799, -60.3139

Background



This preview shows how black text looks on a background with the YUV color 165.7730, 37.5799, -60.3139.



This preview shows how white text looks on a background with the YUV color 165.7730, 37.5799, -60.3139.

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

165.7730, 37.5799, -60.3139

Protanopia

176.5400, 27.8348, -14.5056

Deuteranopia

175.8150, 34.1082, -20.0088



Tritanopia

160.9340, 23.2035, -69.2251

Trichromacy



Original Color

165.7730, 37.5799, -60.3139

Protanomaly

172.3530, 31.3780, -31.0046

Deuteranomaly

172.0690, 35.4620, -34.2635

Tritanomaly

162.6230, 28.2869, -66.3214

Monochromacy



Original Color

165.7730, 37.5799, -60.3139

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.8260, 13.8898, -21.7724

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.7730, 37.5799, -60.3139 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(97, 186, 242)` looks like.

```
.text, #text, p{  
    color:rgb(97, 186, 242)  
}
```

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(97, 186, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 186, 242) }
```

Border

The CSS property to change the border of an element to YUV 165.7730, 37.5799, -60.3139 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(97, 186, 242) }
```


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

```
.border{ border-color:rgb(97, 186, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 186, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 186, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 186, 242);  
box-shadow:4px 4px 4px 4px rgb(97, 186,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 165.7730, 37.5799, -60.3139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 186, 242) }
```

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

```
.background{ background-color: rgb(97, 186,  
242) }
```

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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