

Converting Colors

YUV(77.1530, 78.3116,
-58.0162)

Have a look what the booklet for
YUV(77.1530, 78.3116, -58.0162)
contains.

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Color

**YUV(77.1530, 78.3116,
-58.0162)**

Conversions

Conversions Part 1

Format	Color
Hex	0B50EC
RGB	11, 80, 236
RGB Percent	4%, 31%, 93%
CMY	0.9569, 0.6863, 0.0745
CMYK	0.95, 0.66, 0.00, 0.07
HSL	222°, 91%, 48%
HSV	222°, 95%, 93%
XYZ	18.1470, 11.8646, 80.6905
YIQ	77.1530, -91.2000, 33.8880

Conversions

Conversions Part 2

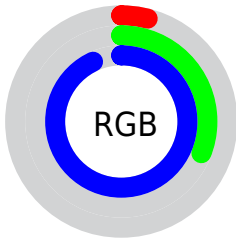
Format	Color
R _Y B	11, 64, 236
Decimal	741612
CIE Lab	41.00, 42.22, -82.71
CIE LCh	41, 92.865, 297.042
Yxy	11.8646, 0.1639, 0.1072
Android (android.graphics.Color)	4278931692 (0xFF0B50EC)
YUV	77.1530, 78.3116, -58.0162
Hunter-Lab	34.4450, 33.7620, -114.7806

Details

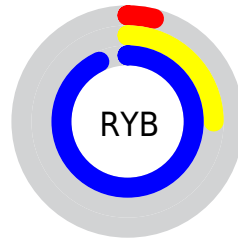
The YUV color **77.1530, 78.3116, -58.0162** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **169.8470, -78.3116, 58.0162**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.2810, 57.5425, -23.0484**, and **42.1250, 67.4794, -36.9436** is the 20% darker color. If you saturate the color by 10%, you get **69.1680, 82.2482, -60.6603**, and if you desaturate by 10%, it is **93.7210, 70.1435, -51.4983**.

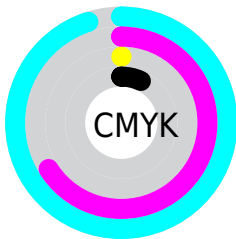
Distribution



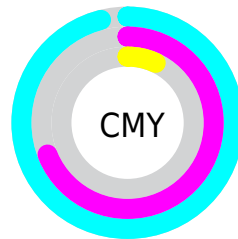
- Red (4%)
- Green (31%)
- Blue (93%)



- Red (4%)
- Yellow (25%)
- Blue (93%)



- Cyan (95%)
- Magenta (66%)
- Yellow (0%)
- Black (7%)



- Cyan (96%)
- Magenta (69%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.1530, 78.3116, -58.0162 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 77.1530, 78.3116, -58.0162 by changing the saturation by 10% instead.

■ 77.1530, 78.3116,
-58.0162

■ 77.1530, 78.3116,
-58.0162

255.0000, 0.0000,
0.0000

■ 57.0570, 73.9219,
-50.0390

■ 138.2810, 57.5425,
-23.0484

■ 42.1250, 67.4794,
-36.9436

■ 163.7090, 45.0065,
-15.5308

■ 28.3670, 60.4581,
-24.8779

■ 189.1260, 32.4759,
-9.7575

■ 14.1360, 54.1630,
-12.3973

■ 214.5430, 19.9453,
-3.9842

■ 18.8030, 39.0441,
-16.4902

■ 240.8350, 6.9833,
0.1447

■ 13.6050, 29.2817,
-11.9316

■ 8.0480, 20.6823,

-7.0581

■ 3.7790, 11.9410,
-3.3142

■ 0.0000, 0.0000,
0.0000

■ 77.1530, 78.3116,
-58.0162

■ 77.1530, 78.3116,
-58.0162

■ 69.1680, 82.2482,
-60.6603

■ 93.7210, 70.1435,
-51.4983

■ 110.5770, 61.8335,
-46.1100

■ 127.1450, 53.6655,
-39.5922

■ 143.4140, 45.6449,
-33.6891

■ 160.5690, 37.1875,
-27.6860

■ 177.1370, 29.0195,
-21.1681

■ 193.9930, 20.7095,
-15.7799

■ 210.5610, 12.5414,
-9.2620

■ 226.8300, 4.5208,
-3.3589

Harmonies

Analogous

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



93.9990, 78.3875, -82.4371



77.1530, 78.3116, -58.0162



72.9590, 53.2642, 89.4900

Triad

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



77.1530, 78.3116, -58.0162



82.5830, -40.7134, 85.4347



82.7060, 2.1169, -72.5332

Complementary

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



77.1530, 78.3116, -58.0162



169.8470, -78.3116, 58.0162

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.



70.4400, -34.7269, -61.7759



77.1530, 78.3116, -58.0162



91.3790, -45.0498, 29.4856

Square

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



77.1530, 78.3116, -58.0162



68.1610, -16.8414, 128.7778



78.9000, -38.8977, -30.6073



92.1850, 35.8978, -80.8462

Rectangle

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



77.1530, 78.3116, -58.0162



77.6530, 27.2861, 115.1913



78.9000, -38.8977, -30.6073



78.9270, -9.8240, -69.2190

Sweetspot

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



77.1530, 78.3116, -58.0162



202.9370, 25.6671, -19.2387



160.6310, 2.1539, -131.2264



96.3480, 15.6044, -11.7062



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.



77.1530, 78.3116, -58.0162



74.8560, 88.8110, -65.6487



48.9090, 92.2359, 2.7108



109.0150, 3.9366, -2.6442



53.5060, 62.8545, -46.9248



15.5480, 18.9568, -13.6356

Inverse Universe

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



86.1410, -3.0275, 131.4263



85.1370, -3.5185, 148.9699



198.0910, -92.2359, -2.7108



109.6310, -0.3111, 6.4626



60.5030, -2.2200, 105.6759



17.9700, -0.9712, 31.5983

Previews

White Background



This preview shows how the YUV color 77.1530, 78.3116, -58.0162 looks on a white background.

Color Contrast Check

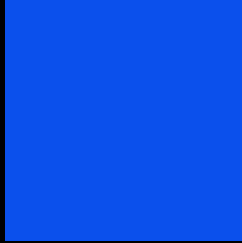
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 77.1530, 78.3116, -58.0162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

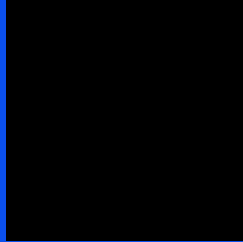
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.1530, 78.3116, -58.0162

Background



This preview shows how black text looks on a background with the YUV color 77.1530, 78.3116, -58.0162.



This preview shows how white text looks on a background with the YUV color 77.1530, 78.3116,

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

77.1530, 78.3116, -58.0162

Protanopia

76.2340, 58.5516, -66.8572

Deuteranopia

77.1510, 44.2956, -67.6614



Tritanopia

75.5770, 17.9565, -66.2810

Trichromacy



Original Color

77.1530, 78.3116, -58.0162

Protanomaly

76.7920, 65.6715, -63.8386

Deuteranomaly

77.0880, 56.6516, -64.0982

Tritanomaly

76.0330, 39.9167, -63.1729

Monochromacy



Original Color

77.1530, 78.3116, -58.0162

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.0230, 28.5827, -21.0682

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.1530, 78.3116, -58.0162 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(11, 80, 236)` looks like.

```
.text, #text, p{  
    color:rgb(11, 80, 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(11, 80, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 80, 236) }
```

Border

The CSS property to change the border of an element to YUV 77.1530, 78.3116, -58.0162 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(11, 80, 236) }
```


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

```
.border{ border-color:rgb(11, 80, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 80, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 80, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 80, 236);  
box-shadow:4px 4px 4px 4px rgb(11, 80,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 77.1530, 78.3116, -58.0162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 80, 236) }
```

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

```
.background{ background-color: rgb(11, 80,  
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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