

Converting Colors

YUV(154.3180, 37.8042,
-38.8669)

Have a look what the booklet for
YUV(154.3180, 37.8042, -38.8669)
contains.

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Color

**YUV(154.3180, 37.8042,
-38.8669)**

Conversions

Conversions Part 1

Format	Color
Hex	6EA2E7
RGB	110, 162, 231
RGB Percent	43%, 64%, 91%
CMY	0.5686, 0.3647, 0.0941
CMYK	0.52, 0.30, 0.00, 0.09
HSL	214°, 72%, 67%
HSV	214°, 52%, 91%
XYZ	33.7745, 34.9252, 80.5624
YIQ	154.3180, -53.1410, 10.4350

Conversions

Conversions Part 2

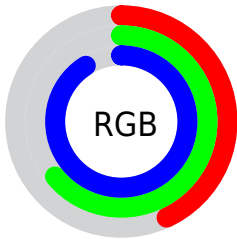
Format	Color
R_{YB}	110, 146, 231
Decimal	7250663
CIE _{Lab}	65.69, 2.04, -40.05
CIE _{LCh}	66, 40.099, 272.911
Yxy	34.9252, 0.2263, 0.2340
Android (android.graphics.Color)	4285440743 (0xFF6EA2E7)
YUV	154.3180, 37.8042, -38.8669
Hunter-Lab	59.0975, -1.4070, -39.4565

Details

The YUV color **154.3180, 37.8042, -38.8669** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **186.6820, -37.8042, 38.8669**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.6810, 23.8213, -33.9232**, and **99.4590, 37.2417, -45.1295** is the 20% darker color. If you saturate the color by 10%, you get **139.8100, 44.9567, -46.3144**, and if you desaturate by 10%, it is **168.8260, 30.6518, -31.4194**.

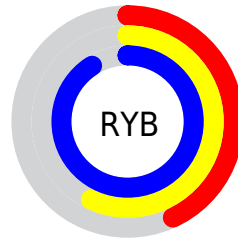
Distribution



Red (43%)

Green (64%)

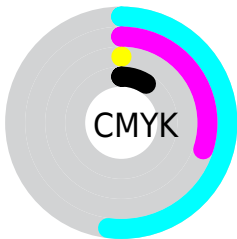
Blue (91%)



Red (43%)

Yellow (57%)

Blue (91%)

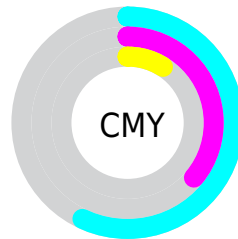


Cyan (52%)

Magenta (30%)

Yellow (0%)

Black (9%)



Cyan (57%)

Magenta (36%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.3180, 37.8042, -38.8669 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 154.3180, 37.8042, -38.8669 by changing the saturation by 10% instead.

■ 154.3180, 37.8042,
-38.8669

■ 154.3180, 37.8042,
-38.8669

255.0000, 0.0000,
0.0000

■ 126.8940, 37.5203,
-41.1260

■ 206.6810, 23.8213,
-33.9232

■ 99.4590, 37.2417,
-45.1295

■ 231.7880, 11.4435,
-30.5091

■ 67.9410, 39.4691,
-59.5843

■ 246.3290, 4.2748,
-17.8285

■ 51.4760, 34.7683,
-45.1445

■ 35.7120, 30.2150,
-31.3194

■ 21.2360, 25.5197,
-18.6240

■ 8.0480, 20.6823,

-7.0581

■ 3.7790, 11.9410,
-3.3142

■ 0.0000, 0.0000,
0.0000

■ 154.3180, 37.8042,
-38.8669

■ 154.3180, 37.8042,
-38.8669

■ 139.8100, 44.9567,
-46.3144

■ 168.8260, 30.6518,
-31.4194

■ 125.3020, 52.1091,
-53.7619

■ 183.3340, 23.4993,
-23.9719

■ 110.2070, 59.5509,
-60.6945

■ 198.4290, 16.0575,
-17.0392

■ 95.6990, 66.7034,
-68.1420

■ 212.9370, 8.9051,
-9.5917

■ 84.4470, 72.2506,
-74.0600

■ 227.7440, 1.6052,
-1.5295

■ 242.2520, -5.5472,
5.9180

■ 251.6770,
-10.1938, 2.9143

■ 252.2640,
-10.4832, 2.3995

Harmonies

Analogous

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



132.0670, 44.8300, -99.1598



154.3180, 37.8042, -38.8669



162.7750, 28.2119, 4.5823

Triad

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



154.3180, 37.8042, -38.8669



160.7270, -19.0924, 57.2444



146.6790, -10.1947, -43.5685

Complementary

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



154.3180, 37.8042, -38.8669



186.6820, -37.8042, 38.8669

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.



152.5340, -26.8853, -10.1153



154.3180, 37.8042, -38.8669



159.1370, -31.1265, 43.7299

Square

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



154.3180, 37.8042, -38.8669



162.6680, -2.7943, 56.4192



156.7720, -34.3976, 19.4940



132.2230, 14.6801, -88.7726

Rectangle

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



154.3180, 37.8042, -38.8669



163.9260, 19.2635, 28.1289



156.7720, -34.3976, 19.4940



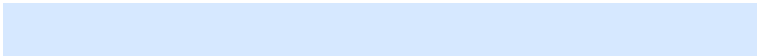
149.0350, -16.7793, -31.6027

Sweetspot

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



154.3180, 37.8042, -38.8669



229.2400, 12.6997, -13.3655



188.8930, -4.8772, -69.1892



112.3070, 7.7366, -8.1622



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.



154.3180, 37.8042, -38.8669



152.8570, 50.3565, -51.6176



126.1860, 51.6733, -7.1791



107.3030, 3.7946, -3.7737



65.6050, 55.9037, -57.5356



18.7280, 15.9101, -16.4245

Inverse Universe

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



152.1070, 4.8772, 69.1892



150.0050, 6.4065, 92.0806



214.8140, -51.6733, 7.1791



107.1580, 0.4151, 6.8774



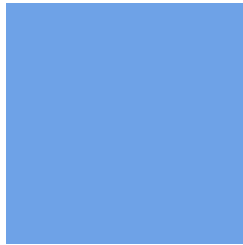
62.2990, 7.2476, 102.3468



17.7570, 2.0918, 29.1541

Previews

White Background



This preview shows how the YUV color 154.3180, 37.8042, -38.8669 looks on a white background.

Color Contrast Check

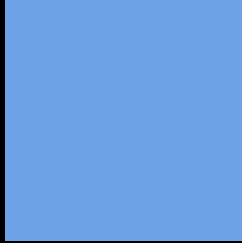
Large Text (above 18pt) WCAG AA × Fail

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 154.3180, 37.8042, -38.8669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

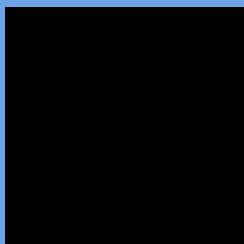
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

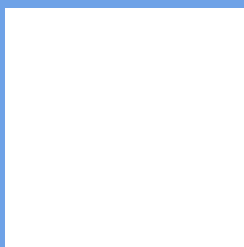
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 154.3180, 37.8042, -38.8669

Background



This preview shows how black text looks on a background with the YUV color 154.3180, 37.8042, -38.8669.



This preview shows how white text looks on a background with the YUV color 154.3180, 37.8042, -38.8669.

-38.8669.

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

154.3180, 37.8042, -38.8669

Protanopia

159.0000, 33.5240, -19.2940

Deuteranopia

157.7650, 36.5979, -25.2269



Tritanopia

149.5730, 17.4655, -48.7375

Trichromacy



Original Color

154.3180, 37.8042, -38.8669

Protanomaly

157.2980, 34.8561, -26.5713

Deuteranomaly

156.2590, 37.3403, -30.0451

Tritanomaly

151.5440, 24.8748, -45.2041

Monochromacy



Original Color

154.3180, 37.8042, -38.8669

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.1690, 13.7207, -14.1802

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.3180, 37.8042, -38.8669 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(110, 162, 231)` looks like.

```
.text, #text, p{  
    color:rgb(110, 162, 231)  
}
```

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(110, 162, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 162, 231) }
```

Border

The CSS property to change the border of an element to YUV 154.3180, 37.8042, -38.8669 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(110, 162, 231) }
```


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

```
.border{ border-color:rgb(110, 162, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 162, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 162, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 162, 231);  
box-shadow:4px 4px 4px 4px rgb(110, 162,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 154.3180, 37.8042, -38.8669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 162, 231) }
```

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

```
.background{ background-color: rgb(110,  
162, 231) }
```

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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