

Converting Colors

YUV(155.9370, 38.9781,
-42.0407)

Have a look what the booklet for
YUV(155.9370, 38.9781, -42.0407)
contains.

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Color

**YUV(155.9370, 38.9781,
-42.0407)**

Conversions

Conversions Part 1

Format	Color
Hex	6CA5EB
RGB	108, 165, 235
RGB Percent	42%, 65%, 92%
CMY	0.5765, 0.3529, 0.0784
CMYK	0.54, 0.30, 0.00, 0.08
HSL	213°, 76%, 67%
HSV	213°, 54%, 92%
XYZ	34.6349, 36.0966, 83.7391
YIQ	155.9370, -56.4420, 9.6860

Conversions

Conversions Part 2

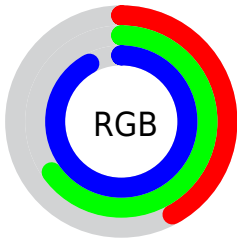
Format	Color
R _Y B	108, 147, 235
Decimal	7120363
CIE Lab	66.59, 1.12, -40.84
CIE LCh	67, 40.852, 271.577
Yxy	36.0966, 0.2242, 0.2337
Android (android.graphics.Color)	4285310443 (0xFF6CA5EB)
YUV	155.9370, 38.9781, -42.0407
Hunter-Lab	60.0804, -2.2399, -40.5812

Details

The YUV color **155.9370, 38.9781, -42.0407** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **187.0630, -38.9781, 42.0407**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.8440, 23.2479, -36.6972**, and **100.4800, 38.7104, -49.5330** is the 20% darker color. If you saturate the color by 10%, you get **141.4290, 46.1305, -49.4882**, and if you desaturate by 10%, it is **170.7440, 31.6782, -33.9785**.

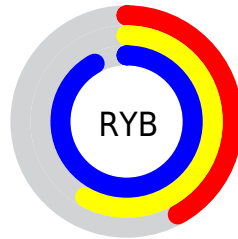
Distribution



Red (42%)

Green (65%)

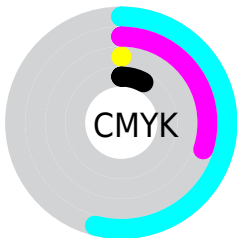
Blue (92%)



Red (42%)

Yellow (58%)

Blue (92%)

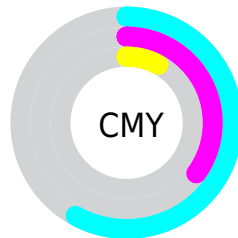


Cyan (54%)

Magenta (30%)

Yellow (0%)

Black (8%)



Cyan (58%)

Magenta (35%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.9370, 38.9781, -42.0407 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 155.9370, 38.9781, -42.0407 by changing the saturation by 10% instead.

■ 155.9370, 38.9781,
-42.0407

■ 155.9370, 38.9781,
-42.0407

255.0000, 0.0000,
0.0000

■ 128.5130, 38.6941,
-44.2999

■ 207.8440, 23.2479,
-36.6972

■ 100.4800, 38.7104,
-49.5330

■ 233.2500, 10.7227,
-32.6683

■ 69.5710, 40.6375,
-61.0138

■ 246.0300, 4.4222,
-18.4433

■ 53.1060, 35.9367,
-46.5740

■ 37.8150, 30.6572,
-33.1638

■ 23.3390, 25.9619,
-20.4683

■ 8.9770, 21.7033,

-7.8728

■ 4.7080, 12.9620,
-4.1289

■ 0.1140, 0.4368,
-0.1000

■ 155.9370, 38.9781,
-42.0407

■ 155.9370, 38.9781,
-42.0407

■ 141.4290, 46.1305,
-49.4882

■ 170.7440, 31.6782,
-33.9785

■ 126.6220, 53.4304,
-57.5505

■ 185.2520, 24.5258,
-26.5310

■ 111.8150, 60.7302,
-65.6128

■ 200.0590, 17.2259,
-18.4687

■ 97.3070, 67.8826,
-73.0602

■ 214.5670, 10.0735,
-11.0213

■ 88.4250, 72.2615,
-77.5487

■ 229.3740, 2.7736,
-2.9590

■ 243.8820, -4.3788,
4.4885

■ 252.7200, -8.7360,
1.9996

Harmonies

Analogous

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



128.4890, 48.0729, -112.6849



155.9370, 38.9781, -42.0407



165.1060, 29.5277, 2.5380

Triad

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



155.9370, 38.9781, -42.0407



163.1510, -18.8084, 59.5036



148.7500, -11.2157, -42.7537

Complementary

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



155.9370, 38.9781, -42.0407



187.0630, -38.9781, 42.0407

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.



154.9040, -28.0537, -8.6858



155.9370, 38.9781, -42.0407



161.7350, -31.4214, 44.9594

Square

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



155.9370, 38.9781, -42.0407



164.6080, -1.7787, 57.3488



158.5550, -35.2766, 21.4383



134.9950, 13.8065, -88.5726

Rectangle

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



155.9370, 38.9781, -42.0407



166.8550, 20.2845, 27.3142



158.5550, -35.2766, 21.4383



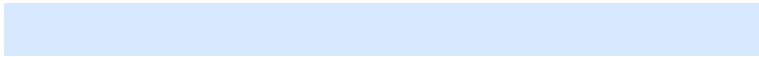
151.1060, -17.8003, -30.7880

Sweetspot

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



155.9370, 38.9781, -42.0407



229.8270, 12.4103, -13.8803



190.5290, -6.1768, -72.3779



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.



155.9370, 38.9781, -42.0407



151.9490, 50.8041, -55.2063



124.2720, 54.5889, -9.0085



110.1890, 3.3578, -3.6738



68.1810, 55.6198, -59.7947



20.2440, 16.6417, -17.7540

Inverse Universe

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



152.4710, 6.1768, 72.3779



147.1840, 8.2903, 94.5546



218.7280, -54.5889, 9.0085



109.8590, 0.5625, 6.2627



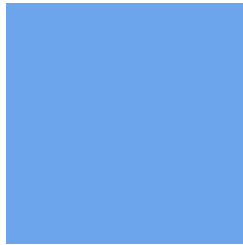
63.3530, 8.7000, 103.1764



18.8820, 2.5232, 30.7985

Previews

White Background



This preview shows how the YUV color 155.9370, 38.9781, -42.0407 looks on a white background.

Color Contrast Check

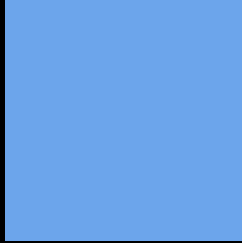
Large Text (above 18pt) WCAG AA × Fail

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 155.9370, 38.9781, -42.0407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

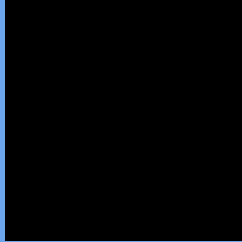
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

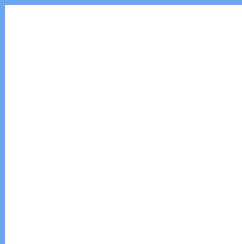
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 155.9370, 38.9781, -42.0407

Background



This preview shows how black text looks on a background with the YUV color 155.9370, 38.9781, -42.0407.

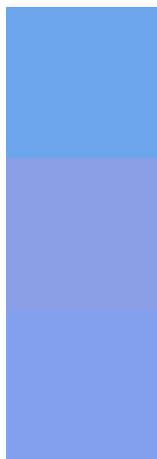


This preview shows how white text looks on a background with the YUV color 155.9370, 38.9781, -42.0407.

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

155.9370, 38.9781, -42.0407

Protanopia

161.1140, 33.9608, -19.3940

Deuteranopia

159.6940, 37.6189, -26.0416



Tritanopia

150.7790, 18.3500, -52.4262

Trichromacy



Original Color

155.9370, 38.9781, -42.0407

Protanomaly

159.2270, 35.8771, -27.3861

Deuteranomaly

158.4760, 38.2193, -31.9895

Tritanomaly

152.7500, 25.7592, -48.8927

Monochromacy



Original Color

155.9370, 38.9781, -42.0407

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

155.9840, 14.3049, -14.8950

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.9370, 38.9781, -42.0407 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(108, 165, 235)` looks like.

```
.text, #text, p{  
    color:rgb(108, 165, 235)  
}
```

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(108, 165, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 165, 235) }
```

Border

The CSS property to change the border of an element to YUV 155.9370, 38.9781, -42.0407 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(108, 165, 235) }
```


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

```
.border{ border-color:rgb(108, 165, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 165, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 165, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 165, 235);  
box-shadow:4px 4px 4px 4px rgb(108, 165,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 155.9370, 38.9781, -42.0407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 165, 235) }
```

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

```
.background{ background-color: rgb(108,  
165, 235) }
```

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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