

Converting Colors

YUV(165.8390, 37.5474,
-49.8478)

Have a look what the booklet for
YUV(165.8390, 37.5474, -49.8478)
contains.

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Color

**YUV(165.8390, 37.5474,
-49.8478)**

Conversions

Conversions Part 1

Format	Color
Hex	6DB4F2
RGB	109, 180, 242
RGB Percent	43%, 71%, 95%
CMY	0.5725, 0.2941, 0.0510
CMYK	0.55, 0.26, 0.00, 0.05
HSL	208°, 84%, 69%
HSV	208°, 55%, 95%
XYZ	38.6549, 42.3045, 90.1327
YIQ	165.8390, -62.2180, 4.2300

Conversions

Conversions Part 2

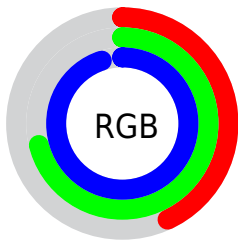
Format	Color
RYB	109, 155, 242
Decimal	7189746
CIELab	71.08, -4.90, -37.65
CIELCh	71, 37.968, 262.585
Yxy	42.3045, 0.2259, 0.2473
Android (android.graphics.Color)	4285379826 (0xFF6DB4F2)
YUV	165.8390, 37.5474, -49.8478
Hunter-Lab	65.0419, -7.7394, -36.6325

Details

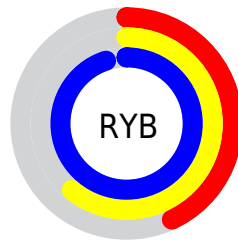
The YUV color **165.8390, 37.5474, -49.8478** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **185.1610, -37.5474, 49.8478**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.8340, 18.3228, -43.7044**, and **108.6100, 38.1533, -57.5400** is the 20% darker color. If you saturate the color by 10%, you get **152.2060, 44.2684, -58.9397**, and if you desaturate by 10%, it is **179.4720, 30.8263, -40.7559**.

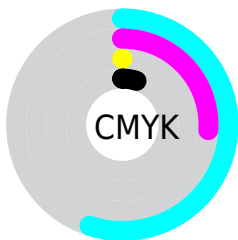
Distribution



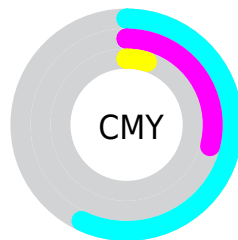
- Red (43%)
- Green (71%)
- Blue (95%)



- Red (43%)
- Yellow (61%)
- Blue (95%)



- Cyan (55%)
- Magenta (26%)
- Yellow (0%)
- Black (5%)



- Cyan (57%)
- Magenta (29%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.8390, 37.5474, -49.8478 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 165.8390, 37.5474, -49.8478 by changing the saturation by 10% instead.

■ 165.8390, 37.5474,
-49.8478

■ 165.8390, 37.5474,
-49.8478

255.0000, 0.0000,
0.0000

■ 137.4150, 37.2634,
-52.1070

■ 217.8340, 18.3228,
-43.7044

■ 108.6100, 38.1533,
-57.5400

■ 237.9570, 8.4022,
-35.0423

■ 78.4730, 39.2068,
-68.8208

■ 246.9270, 3.9800,
-16.5990

■ 61.4210, 34.7954,
-53.8662

■ 45.0700, 30.5315,
-39.5264

■ 29.8930, 25.6888,
-26.2162

■ 14.3570, 22.0090,

-12.5911

■ 5.2780, 15.1459,
-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 165.8390, 37.5474,
-49.8478

■ 165.8390, 37.5474,
-49.8478

■ 152.2060, 44.2684,
-58.9397

■ 179.4720, 30.8263,
-40.7559

■ 137.9860, 51.2789,
-67.5167

■ 193.6920, 23.8158,
-32.1789

■ 124.0540, 58.1474,
-77.2234

■ 207.6240, 16.9474,
-22.4722

■ 110.4210, 64.8684,
-86.3152

■ 221.2570, 10.2263,
-13.3804

■ 103.3110, 68.3737,
-90.6037

■ 234.8900, 3.5052,
-4.2885

■ 249.1100, -3.5052,
4.2885

■ 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.



150.7000, 38.1089, -90.0679



165.8390, 37.5474, -49.8478



175.3820, 30.8707, -8.2280

Triad

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



165.8390, 37.5474, -49.8478



176.8070, -13.7089, 57.1743



164.1600, -16.3479, -29.9583

Complementary

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



165.8390, 37.5474, -49.8478



185.1610, -37.5474, 49.8478

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.



168.9160, -29.5386, 0.9507



165.8390, 37.5474, -49.8478



174.6090, -26.9222, 48.5779

Square

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



165.8390, 37.5474, -49.8478



178.1170, 2.9003, 49.8864



172.4680, -33.2617, 28.5306



156.8150, 3.5422, -62.9818

Rectangle

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



165.8390, 37.5474, -49.8478



178.4730, 22.9378, 16.2482



172.4680, -33.2617, 28.5306



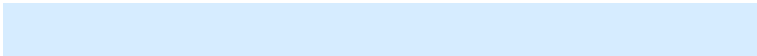
166.1460, -21.7640, -19.4220

Sweetspot

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



165.8390, 37.5474, -49.8478



231.5880, 11.5421, -15.4247



193.9110, -12.2811, -74.4669



113.4810, 7.1579, -9.1918



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.



165.8390, 37.5474, -49.8478



158.9820, 47.3369, -63.1282



128.2710, 56.0684, -16.9007



112.8900, 3.5052, -4.2885



78.5020, 52.0105, -68.8463



23.9940, 15.7790, -21.0427

Inverse Universe

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



156.8610, 11.4075, 74.6669



147.4920, 14.5474, 94.2845



222.7290, -56.0684, 16.9007



112.2720, 0.8519, 6.7775



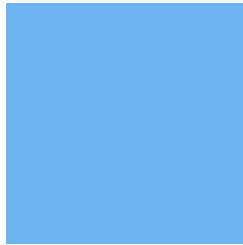
66.1880, 15.6833, 103.3211



20.1640, 4.8491, 31.4282

Previews

White Background



This preview shows how the YUV color 165.8390, 37.5474, -49.8478 looks on a white background.

Color Contrast Check

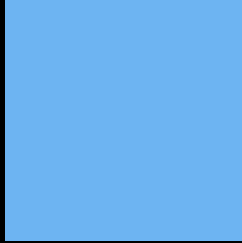
Large Text (above 18pt) WCAG AA × Fail

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 165.8390, 37.5474, -49.8478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

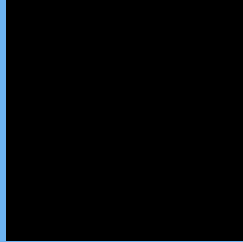
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.8390, 37.5474, -49.8478

Background



This preview shows how black text looks on a background with the YUV color 165.8390, 37.5474, -49.8478.



This preview shows how white text looks on a background with the YUV color 165.8390, 37.5474, -49.8478.

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

165.8390, 37.5474, -49.8478

Protanopia

173.5120, 30.3136, -16.2350

Deuteranopia

172.4450, 35.2766, -21.4383



Tritanopia

160.9030, 20.2608, -58.6739

Trichromacy



Original Color

165.8390, 37.5474, -49.8478

Protanomaly

170.5320, 33.2617, -28.5306

Deuteranomaly

169.9060, 36.0353, -31.4896

Tritanomaly

162.3470, 26.9439, -55.5553

Monochromacy



Original Color

165.8390, 37.5474, -49.8478

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.8480, 13.8789, -18.2837

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.8390, 37.5474, -49.8478 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(109, 180, 242)` looks like.

```
.text, #text, p{  
    color:rgb(109, 180, 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(109, 180, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 180, 242) }
```

Border

The CSS property to change the border of an element to YUV 165.8390, 37.5474, -49.8478 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(109, 180, 242) }
```


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

```
.border{ border-color:rgb(109, 180, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 180, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(109, 180, 242); -webkit-box-shadow:4px 4px 4px 4px rgb(109, 180, 242); box-shadow:4px 4px 4px 4px rgb(109, 180, 242) }
```

Background

The CSS property to change the background color of an element to YUV 165.8390, 37.5474, -49.8478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 180, 242) }
```

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

```
.background{ background-color: rgb(109,  
180, 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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