

Converting Colors

YUV(167.4200, 39.7259,
-48.6033)

Have a look what the booklet for
YUV(167.4200, 39.7259, -48.6033)
contains.

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Color

**YUV(167.4200, 39.7259,
-48.6033)**

Conversions

Conversions Part 1

Format	Color
Hex	70B4F8
RGB	112, 180, 248
RGB Percent	44%, 71%, 97%
CMY	0.5608, 0.2941, 0.0275
CMYK	0.55, 0.27, 0.00, 0.03
HSL	210°, 91%, 71%
HSV	210°, 55%, 97%
XYZ	39.9466, 42.8646, 94.9752
YIQ	167.4200, -62.3560, 6.7320

Conversions

Conversions Part 2

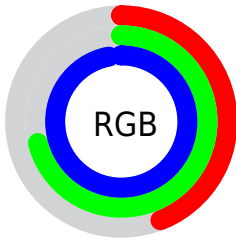
Format	Color
R _Y B	112, 157, 248
Decimal	7386360
CIE Lab	71.46, -2.47, -40.30
CIE LCh	71, 40.371, 266.495
Yxy	42.8646, 0.2247, 0.2411
Android (android.graphics.Color)	4285576440 (0xFF70B4F8)
YUV	167.4200, 39.7259, -48.6033
Hunter-Lab	65.4710, -5.6640, -40.1790

Details

The YUV color **167.4200, 39.7259, -48.6033** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **192.5800, -39.7259, 48.6033**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.7310, 17.8806, -41.8601**, and **110.6640, 39.6056, -56.7103** is the 20% darker color. If you saturate the color by 10%, you get **152.9010, 46.8838, -57.7952**, and if you desaturate by 10%, it is **181.9390, 32.5681, -39.4115**.

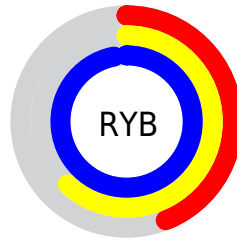
Distribution



Red (44%)

Green (71%)

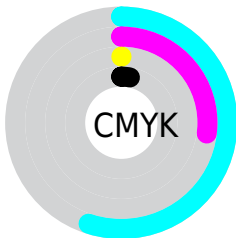
Blue (97%)



Red (44%)

Yellow (62%)

Blue (97%)

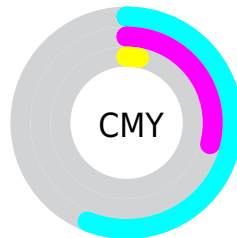


Cyan (55%)

Magenta (27%)

Yellow (0%)

Black (3%)



Cyan (56%)

Magenta (29%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.4200, 39.7259, -48.6033 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 167.4200, 39.7259, -48.6033 by changing the saturation by 10% instead.

■ 167.4200, 39.7259,
-48.6033

■ 167.4200, 39.7259,
-48.6033

255.0000, 0.0000,
0.0000

■ 138.9960, 39.4420,
-50.8625

■ 218.7310, 17.8806,
-41.8601

■ 110.6640, 39.6056,
-56.7103

■ 238.8540, 7.9600,
-33.1980

■ 79.1570, 41.8276,
-69.4207

■ 247.8240, 3.5378,
-14.7546

■ 61.9910, 36.9794,
-54.3661

■ 45.6400, 32.7155,
-40.0263

■ 31.0500, 27.5833,
-27.2308

■ 14.8130, 23.7562,

-12.9910

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 167.4200, 39.7259,
-48.6033

■ 167.4200, 39.7259,
-48.6033

■ 152.9010, 46.8838,
-57.7952

■ 181.9390, 32.5681,
-39.4115

■ 137.7950, 54.3311,
-66.4722

■ 197.0450, 25.1208,
-30.7345

■ 123.5750, 61.3415,
-75.0493

■ 211.2650, 18.1104,
-22.1574

■ 108.4690, 68.7888,
-83.7263

■ 226.3710, 10.6631,
-13.4804

■ 101.0600, 72.4414,
-88.6296

■ 240.8900, 3.5052,
-4.2885

■ 253.6150, -2.7682,
1.2146

■ 254.2020, -3.0576,
0.6998

Harmonies

Analogous

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



147.6000, 43.0882, -100.5042



167.4200, 39.7259, -48.6033



177.2300, 31.4386, -3.7097

Triad

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



167.4200, 39.7259, -48.6033



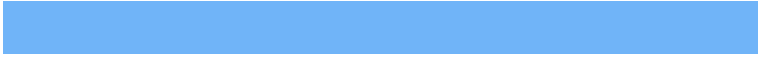
176.8460, -16.1931, 60.6481



163.1700, -14.8738, -36.1061

Complementary

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



167.4200, 39.7259, -48.6033



192.5800, -39.7259, 48.6033

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.



169.0680, -30.1065, -3.5676



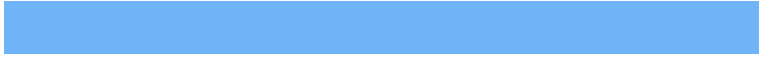
167.4200, 39.7259, -48.6033



174.9250, -29.5430, 49.1778

Square

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



167.4200, 39.7259, -48.6033



178.6940, 1.1369, 55.5194



172.5880, -35.2929, 26.6713



153.7750, 7.5059, -74.3477

Rectangle

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



167.4200, 39.7259, -48.6033



179.5060, 22.9215, 21.4812



172.5880, -35.2929, 26.6713



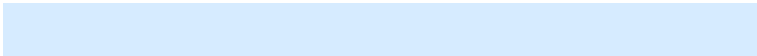
165.3410, -20.8741, -24.8551

Sweetspot

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



167.4200, 39.7259, -48.6033



231.0010, 11.8315, -14.9099



199.5840, -9.6549, -76.8112



112.8940, 7.4473, -8.6770



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.



167.4200, 39.7259, -48.6033



155.4600, 49.0732, -60.0394



127.5040, 59.4045, -13.5970



117.5910, 3.6526, -4.9033



76.7240, 55.3521, -67.2869



25.1510, 17.6736, -22.0574

Inverse Universe

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



160.4160, 9.6549, 76.8112



146.8080, 11.9267, 94.8844



232.4960, -59.4045, 13.5970



116.6850, 1.1413, 7.2923



67.2270, 13.1991, 106.7949



21.7730, 4.5489, 34.4021

Previews

White Background



This preview shows how the YUV color 167.4200, 39.7259, -48.6033 looks on a white background.

Color Contrast Check

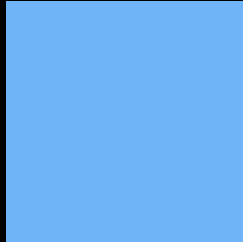
Large Text (above 18pt) WCAG AA × Fail

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 167.4200, 39.7259, -48.6033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

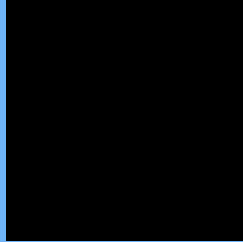
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

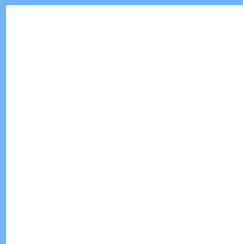
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 167.4200, 39.7259, -48.6033

Background



This preview shows how black text looks on a background with the YUV color 167.4200, 39.7259, -48.6033.



This preview shows how white text looks on a background with the YUV color 167.4200, 39.7259, -48.6033.

-48.6033.

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

167.4200, 39.7259, -48.6033

Protanopia

174.1850, 32.9398, -18.5792

Deuteranopia

173.4060, 37.7608, -24.9121



Tritanopia

162.0170, 20.6976, -58.7739

Trichromacy



Original Color

167.4200, 39.7259, -48.6033

Protanomaly

171.8030, 35.5931, -29.6452

Deuteranomaly

171.4650, 38.2248, -33.7338

Tritanomaly

163.8740, 27.6701, -55.1405

Monochromacy



Original Color

167.4200, 39.7259, -48.6033

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

167.2610, 14.1683, -17.7689

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.4200, 39.7259, -48.6033 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(112, 180, 248)` looks like.

```
.text, #text, p{  
    color:rgb(112, 180, 248)  
}
```

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(112, 180, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 180, 248) }
```

Border

The CSS property to change the border of an element to YUV 167.4200, 39.7259, -48.6033 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(112, 180, 248) }
```


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

```
.border{ border-color:rgb(112, 180, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 180, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(112, 180, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(112, 180, 248); box-shadow:4px 4px 4px 4px rgb(112, 180, 248) }
```

Background

The CSS property to change the background color of an element to YUV 167.4200, 39.7259, -48.6033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 180, 248) }
```

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

```
.background{ background-color: rgb(112,  
180, 248) }
```

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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