

Converting Colors

YUV(150.7190, 43.0295,
-34.8336)

Have a look what the booklet for
YUV(150.7190, 43.0295, -34.8336)
contains.

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Color

**YUV(150.7190, 43.0295,
-34.8336)**

Conversions

Conversions Part 1

Format	Color
Hex	6F9AEE
RGB	111, 154, 238
RGB Percent	44%, 60%, 93%
CMY	0.5647, 0.3961, 0.0667
CMYK	0.53, 0.35, 0.00, 0.07
HSL	220°, 79%, 68%
HSV	220°, 53%, 93%
XYZ	33.5438, 32.6638, 85.4257
YIQ	150.7190, -52.5920, 17.0080

Conversions

Conversions Part 2

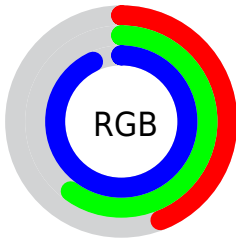
Format	Color
R_{YB}	111, 143, 238
Decimal	7314158
CIE _{Lab}	63.89, 9.00, -46.72
CIE _{LCh}	64, 47.583, 280.900
Yxy	32.6638, 0.2212, 0.2154
Android (android.graphics.Color)	4285504238 (0xFF6F9AEE)
YUV	150.7190, 43.0295, -34.8336
Hunter-Lab	57.1522, 4.7488, -48.6145

Details

The YUV color **150.7190, 43.0295, -34.8336** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **198.2810, -43.0295, 34.8336**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.6970, 26.2784, -28.6753**, and **95.5610, 42.6144, -41.7110** is the 20% darker color. If you saturate the color by 10%, you get **134.1510, 51.1976, -41.3514**, and if you desaturate by 10%, it is **167.2870, 34.8615, -28.3157**.

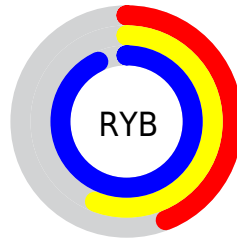
Distribution



Red (44%)

Green (60%)

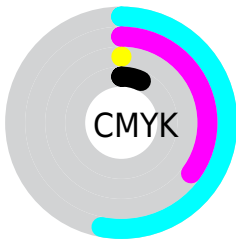
Blue (93%)



Red (44%)

Yellow (56%)

Blue (93%)

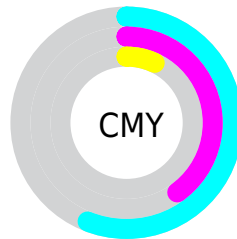


Cyan (53%)

Magenta (35%)

Yellow (0%)

Black (7%)



Cyan (56%)

Magenta (40%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.7190, 43.0295, -34.8336 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 150.7190, 43.0295, -34.8336 by changing the saturation by 10% instead.

■ 150.7190, 43.0295,
-34.8336

■ 150.7190, 43.0295,
-34.8336

255.0000, 0.0000,
0.0000

■ 123.1810, 42.3088,
-36.9927

■ 201.6970, 26.2784,
-28.6753

■ 95.5610, 42.6144,
-41.7110

■ 227.1030, 13.7532,
-24.6463

■ 64.5160, 44.1156,
-56.5805

■ 246.9270, 3.9800,
-16.5990

■ 48.0510, 39.4149,
-42.1407

■ 33.3470, 33.8459,
-29.2453

■ 18.2840, 29.4400,
-16.0351

■ 9.0910, 22.1401,

-7.9728

■ 4.8220, 13.3988,
-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 150.7190, 43.0295,
-34.8336

■ 150.7190, 43.0295,
-34.8336

■ 134.1510, 51.1976,
-41.3514

■ 167.2870, 34.8615,
-28.3157

■ 118.1700, 59.0762,
-48.3841

■ 183.2680, 26.9829,
-21.2830

■ 101.9010, 67.0968,
-54.2872

■ 199.5370, 18.9623,
-15.3799

■ 85.3330, 75.2648,
-60.8050

■ 216.1050, 10.7942,
-8.8621

■ 74.6790, 80.5173,
-65.4935

■ 232.6730, 2.6262,
-2.3442

■ 248.6540, -5.2524,
4.6884

■ 253.0620, -7.4256,
1.6996

Harmonies

Analogous

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



124.7050, 53.8824, -109.3663



150.7190, 43.0295, -34.8336



159.1940, 29.4844, 16.4929

Triad

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



150.7190, 43.0295, -34.8336



154.5230, -26.3868, 63.5623



132.3490, -3.1301, -69.5891

Complementary

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



150.7190, 43.0295, -34.8336



198.2810, -43.0295, 34.8336

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.



144.2290, -27.7209, -22.1258



150.7190, 43.0295, -34.8336



152.7750, -38.8361, 43.1703

Square

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



150.7190, 43.0295, -34.8336



156.1920, -7.4897, 69.1146



149.2460, -40.0543, 13.8163



122.5780, 22.8860, -107.5009

Rectangle

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



150.7190, 43.0295, -34.8336



159.1990, 18.6359, 42.7985



149.2460, -40.0543, 13.8163



138.2390, -12.9358, -51.0756

Sweetspot

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



150.7190, 43.0295, -34.8336



226.8920, 13.8572, -11.3063



195.0110, -0.4984, -73.6776



110.5460, 8.6048, -6.6178



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.



150.7190, 43.0295, -34.8336



142.8670, 55.2816, -44.6104



131.1590, 52.6726, -1.0164



111.7160, 4.0840, -3.2589



57.3700, 62.4286, -50.3135



17.5370, 18.9623, -15.3799

Inverse Universe

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



153.8750, 0.0616, 73.7776



147.0070, -0.0035, 94.7099



217.8410, -52.6726, 1.0164



112.0440, -0.0217, 6.9774



62.0840, -0.0414, 106.9203



18.9100, 0.0444, 32.5279

Previews

White Background



This preview shows how the YUV color 150.7190, 43.0295, -34.8336 looks on a white background.

Color Contrast Check

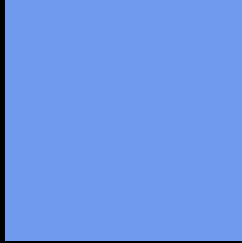
Large Text (above 18pt) WCAG AA × Fail

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 150.7190, 43.0295, -34.8336 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

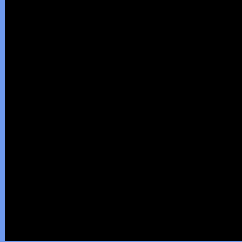
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

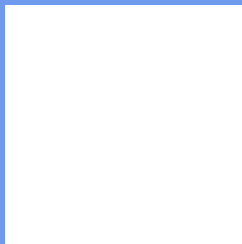
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 150.7190, 43.0295, -34.8336

Background



This preview shows how black text looks on a background with the YUV color 150.7190, 43.0295, -34.8336.



This preview shows how white text looks on a background with the YUV color 150.7190, 43.0295, -34.8336.

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

150.7190, 43.0295, -34.8336

Protanopia

152.6170, 41.1078, -25.0971

Deuteranopia

150.7190, 43.0295, -34.8336



Tritanopia

144.7580, 16.8813, -48.0228

Trichromacy



Original Color

150.7190, 43.0295, -34.8336

Protanomaly

151.8230, 41.9923, -28.7858

Deuteranomaly

150.7190, 43.0295, -34.8336

Tritanomaly

147.1960, 26.0324, -43.1449

Monochromacy



Original Color

150.7190, 43.0295, -34.8336

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

150.7500, 15.8993, -12.9357

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.7190, 43.0295, -34.8336 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(111, 154, 238)` looks like.

```
.text, #text, p{  
    color:rgb(111, 154, 238)  
}
```

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(111, 154, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 154, 238) }
```

Border

The CSS property to change the border of an element to YUV 150.7190, 43.0295, -34.8336 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(111, 154, 238) }
```


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

```
.border{ border-color:rgb(111, 154, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 154, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 154, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 154, 238);  
box-shadow:4px 4px 4px 4px rgb(111, 154,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 150.7190, 43.0295, -34.8336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 154, 238) }
```

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

```
.background{ background-color: rgb(111,  
154, 238) }
```

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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