

Converting Colors

YUV(154.4310, 43.1715,
-33.7040)

Have a look what the booklet for
YUV(154.4310, 43.1715, -33.7040)
contains.

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Color

**YUV(154.4310, 43.1715,
-33.7040)**

Conversions

Conversions Part 1

Format	Color
Hex	749DF2
RGB	116, 157, 242
RGB Percent	45%, 62%, 95%
CMY	0.5451, 0.3843, 0.0510
CMYK	0.52, 0.35, 0.00, 0.05
HSL	220°, 83%, 70%
HSV	220°, 52%, 95%
XYZ	35.2864, 34.2378, 88.7532
YIQ	154.4310, -51.7210, 17.7430

Conversions

Conversions Part 2

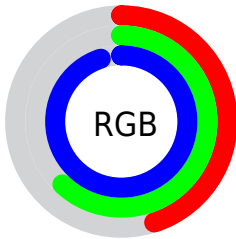
Format	Color
R _Y B	116, 147, 242
Decimal	7642610
CIE Lab	65.15, 9.57, -46.91
CIE LCh	65, 47.877, 281.529
Yxy	34.2378, 0.2229, 0.2163
Android (android.graphics.Color)	4285832690 (0xFF749DF2)
YUV	154.4310, 43.1715, -33.7040
Hunter-Lab	58.5130, 5.2471, -48.9725

Details

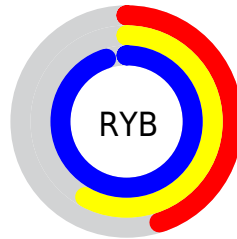
The YUV color **154.4310, 43.1715, -33.7040** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **203.5690, -43.1715, 33.7040**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.9530, 24.6732, -27.1458**, and **99.4580, 42.1722, -39.8667** is the 20% darker color. If you saturate the color by 10%, you get **137.8630, 51.3395, -40.2219**, and if you desaturate by 10%, it is **170.9990, 35.0035, -27.1861**.

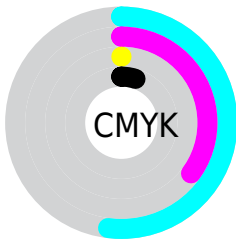
Distribution



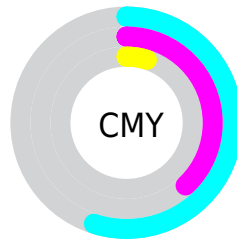
- Red (45%)
- Green (62%)
- Blue (95%)



- Red (45%)
- Yellow (58%)
- Blue (95%)



- Cyan (52%)
- Magenta (35%)
- Yellow (0%)
- Black (5%)



- Cyan (55%)
- Magenta (38%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.4310, 43.1715, -33.7040 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 154.4310, 43.1715, -33.7040 by changing the saturation by 10% instead.

■ 154.4310, 43.1715,
-33.7040

■ 154.4310, 43.1715,
-33.7040

255.0000, 0.0000,
0.0000

■ 126.8930, 42.4508,
-35.8632

■ 204.9530, 24.6732,
-27.1458

■ 99.4580, 42.1722,
-39.8667

■ 230.3590, 12.1480,
-23.1168

■ 67.0430, 44.8418,
-56.1657

■ 248.4220, 3.2430,
-13.5251

■ 50.2680, 40.2939,
-44.0850

■ 34.9770, 35.0143,
-30.6748

■ 20.3870, 29.8822,
-17.8794

■ 9.5470, 23.8873,

-8.3727

■ 5.1640, 14.7091,
-4.5288

■ 1.1400, 4.3680,
-0.9998

■ 154.4310, 43.1715,
-33.7040

■ 154.4310, 43.1715,
-33.7040

■ 137.8630, 51.3395,
-40.2219

■ 170.9990, 35.0035,
-27.1861

■ 120.7080, 59.7970,
-46.2249

■ 188.1540, 26.5461,
-21.1831

■ 103.8410, 68.1124,
-53.3576

■ 205.0210, 18.2306,
-14.0504

■ 87.2730, 76.2804,
-59.8754

■ 221.5890, 10.0626,
-7.5326

■ 73.9610, 82.8432,
-64.8638

■ 238.7440, 1.6052,
-1.5295

■ 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.



127.0360, 55.1983, -111.4106



154.4310, 43.1715, -33.7040



162.3190, 29.9157, 18.1372

Triad

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



154.4310, 43.1715, -33.7040



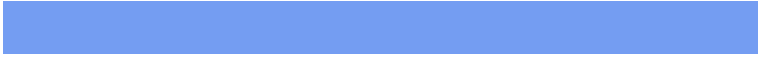
157.7080, -26.9710, 64.2771



135.4520, -2.6878, -71.4334

Complementary

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



154.4310, 43.1715, -33.7040



203.5690, -43.1715, 33.7040

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.



147.6310, -27.4261, -23.3554



154.4310, 43.1715, -33.7040



155.9600, -39.4203, 43.8851

Square

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



154.4310, 43.1715, -33.7040



159.3770, -8.0739, 69.8294



152.8330, -40.3437, 13.3015



125.4960, 23.9125, -110.0600

Rectangle

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



154.4310, 43.1715, -33.7040



162.7970, 18.3411, 44.0280



152.8330, -40.3437, 13.3015



140.7550, -12.2042, -52.4051

Sweetspot

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



154.4310, 43.1715, -33.7040



226.3050, 14.1466, -10.7915



199.5380, 0.2278, -73.2628



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.



154.4310, 43.1715, -33.7040



144.9490, 54.2551, -42.0513



136.6430, 51.9410, 0.3131



111.7160, 4.0840, -3.2589



56.1960, 63.0074, -49.2839



16.9500, 19.2516, -14.8651

Inverse Universe

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



158.3480, -0.6646, 73.3628



150.0560, -1.0136, 92.0359



221.3570, -51.9410, -0.3131



112.0440, -0.0217, 6.9774



61.8560, -0.9150, 107.1203



18.7960, -0.3924, 32.6279

Previews

White Background



This preview shows how the YUV color 154.4310, 43.1715, -33.7040 looks on a white background.

Color Contrast Check

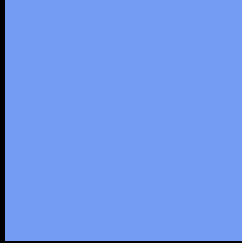
Large Text (above 18pt) WCAG AA × Fail

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 154.4310, 43.1715, -33.7040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

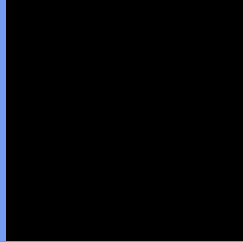
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 154.4310, 43.1715, -33.7040

Background



This preview shows how black text looks on a background with the YUV color 154.4310, 43.1715, -33.7040.



This preview shows how white text looks on a background with the YUV color 154.4310, 43.1715, -33.7040.

-33.7040.

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

154.4310, 43.1715, -33.7040

Protanopia

156.3180, 41.2552, -25.7119

Deuteranopia

154.1320, 43.3189, -34.3188



Tritanopia

148.7690, 16.8759, -46.2784

Trichromacy



Original Color

154.4310, 43.1715, -33.7040

Protanomaly

155.8230, 41.9923, -28.7858

Deuteranomaly

154.1320, 43.3189, -34.3188

Tritanomaly

150.9080, 26.1744, -42.0153

Monochromacy



Original Color

154.4310, 43.1715, -33.7040

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.0490, 15.7518, -12.3210

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.4310, 43.1715, -33.7040 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(116, 157, 242)` looks like.

```
.text, #text, p{  
    color:rgb(116, 157, 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(116, 157, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 157, 242) }
```

Border

The CSS property to change the border of an element to YUV 154.4310, 43.1715, -33.7040 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(116, 157, 242) }
```


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

```
.border{ border-color:rgb(116, 157, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 157, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 157, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 157, 242);  
box-shadow:4px 4px 4px 4px rgb(116, 157,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 154.4310, 43.1715, -33.7040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 157, 242) }
```

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

```
.background{ background-color: rgb(116,  
157, 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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