

Converting Colors

YUV(164.4310, 43.1715,
-33.7040)

Have a look what the booklet for
YUV(164.4310, 43.1715, -33.7040)
contains.

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Color

**YUV(164.4310, 43.1715,
-33.7040)**

Conversions

Conversions Part 1

Format	Color
Hex	7EA7FC
RGB	126, 167, 252
RGB Percent	49%, 65%, 99%
CMY	0.5059, 0.3451, 0.0118
CMYK	0.50, 0.34, 0.00, 0.01
HSL	220°, 95%, 74%
HSV	220°, 50%, 99%
XYZ	39.9936, 39.1013, 97.5349
YIQ	164.4310, -51.7210, 17.7430

Conversions

Conversions Part 2

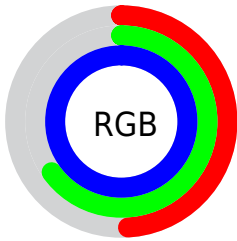
Format	Color
R _Y B	126, 157, 252
Decimal	8300540
CIE Lab	68.82, 9.05, -46.55
CIE LCh	69, 47.418, 281.004
Yxy	39.1013, 0.2264, 0.2214
Android (android.graphics.Color)	4286490620 (0xFF7EA7FC)
YUV	164.4310, 43.1715, -33.7040
Hunter-Lab	62.5311, 4.7356, -48.7078

Details

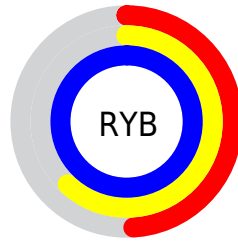
The YUV color **164.4310, 43.1715, -33.7040** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **213.5690, -43.1715, 33.7040**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.4000, 20.0158, -26.6608**, and **109.4690, 42.1668, -38.1223** is the 20% darker color. If you saturate the color by 10%, you get **146.9770, 51.7763, -40.3218**, and if you desaturate by 10%, it is **181.8850, 34.5667, -27.0861**.

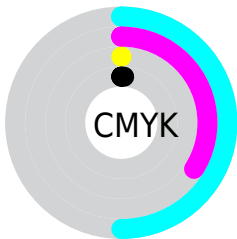
Distribution



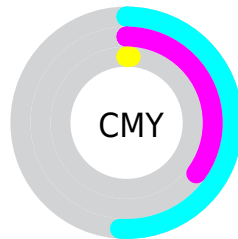
- Red (49%)
- Green (65%)
- Blue (99%)



- Red (49%)
- Yellow (62%)
- Blue (99%)



- Cyan (50%)
- Magenta (34%)
- Yellow (0%)
- Black (1%)



- Cyan (51%)
- Magenta (35%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.4310, 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 164.4310, 43.1715, -33.7040 by changing the saturation by 10% instead.

■ 164.4310, 43.1715,
-33.7040

■ 164.4310, 43.1715,
-33.7040

255.0000, 0.0000,
0.0000

■ 137.1920, 42.3033,
-35.2484

■ 214.4000, 20.0158,
-26.6608

■ 109.4690, 42.1668,
-38.1223

■ 239.8060, 7.4906,
-22.6319

■ 80.5280, 42.6307,
-46.9441

■ 251.7110, 1.6215,
-6.7625

■ 55.9900, 41.9099,
-49.1032

■ 40.6990, 36.6304,
-35.6930

■ 26.1090, 31.4983,
-22.8976

■ 9.8720, 27.6711,

-8.6577

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 164.4310, 43.1715,
-33.7040

■ 164.4310, 43.1715,
-33.7040

■ 146.9770, 51.7763,
-40.3218

■ 181.8850, 34.5667,
-27.0861

■ 129.5230, 60.3812,
-46.9397

■ 199.3390, 25.9619,
-20.4683

■ 111.7700, 69.1334,
-54.1723

■ 217.0920, 17.2096,
-13.2357

■ 94.3160, 77.7382,
-60.7901

■ 234.5460, 8.6048,
-6.6178

■ 76.8620, 86.3430,
-67.4080

■ 252.0000, 0.0000,
0.0000

■ 254.6580, -1.3104,
0.2999

Harmonies

Analogous

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



133.9320, 56.2355, -117.4584



164.4310, 43.1715, -33.7040



172.6070, 29.7737, 17.0077

Triad

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



164.4310, 43.1715, -33.7040



168.1210, -26.6817, 64.7919



147.1320, -4.0091, -67.6448

Complementary

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



164.4310, 43.1715, -33.7040



213.5690, -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.



157.8160, -28.0103, -22.6406



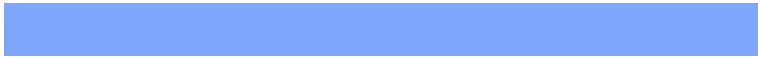
164.4310, 43.1715, -33.7040



166.2590, -39.5677, 44.4999

Square

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



164.4310, 43.1715, -33.7040



169.4910, -7.6371, 69.7294



163.1320, -40.4911, 13.9162



132.3920, 24.9497, -116.1078

Rectangle

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



164.4310, 43.1715, -33.7040



172.4980, 18.4885, 43.4133



163.1320, -40.4911, 13.9162



151.5380, -13.0832, -50.4608

Sweetspot

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



164.4310, 43.1715, -33.7040



228.3760, 13.1256, -9.9768



209.5380, 0.2278, -73.2628



111.7310, 8.0206, -5.9031



0.0000, 0.0000, 0.0000



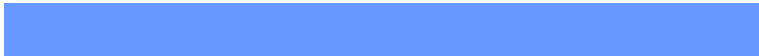
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



164.4310, 43.1715, -33.7040



148.7920, 52.3605, -41.0366



146.6430, 51.9410, 0.3131



116.4170, 4.2314, -3.8737



57.3530, 64.9020, -50.2986



18.6940, 20.8569, -16.3946

Inverse Universe

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



168.3480, -0.6646, 73.3628



153.4470, -0.7134, 89.0620



231.3570, -51.9410, -0.3131



116.4570, 0.2677, 7.4922



63.4650, -1.2152, 110.0942



20.5190, -0.2559, 35.5018

Previews

White Background



This preview shows how the YUV color 164.4310, 43.1715, -33.7040 looks on a white background.

Color Contrast Check

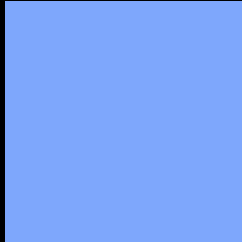
Large Text (above 18pt) WCAG AA × Fail

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 164.4310, 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 164.4310, 43.1715, -33.7040

Background



This preview shows how black text looks on a background with the YUV color 164.4310, 43.1715, -33.7040.



This preview shows how white text looks on a background with the YUV color 164.4310, 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

164.4310, 43.1715, -33.7040

Protanopia

166.0300, 41.3972, -24.5823

Deuteranopia

165.0290, 42.8767, -32.4744



Tritanopia

159.0680, 16.7285, -45.6636

Trichromacy



Original Color

164.4310, 43.1715, -33.7040

Protanomaly

165.5350, 42.1342, -27.6562

Deuteranomaly

164.7300, 43.0241, -33.0892

Tritanomaly

161.2070, 26.0269, -41.4005

Monochromacy



Original Color

164.4310, 43.1715, -33.7040

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

164.0490, 15.7518, -12.3210

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.4310, 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(126, 167, 252)` looks like.

```
.text, #text, p{  
    color:rgb(126, 167, 252)  
}
```

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(126, 167, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 167, 252) }
```

Border

The CSS property to change the border of an element to YUV 164.4310, 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(126, 167, 252) }
```


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

```
.border{ border-color:rgb(126, 167, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 167, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 167, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 167, 252);  
box-shadow:4px 4px 4px 4px rgb(126, 167,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 164.4310, 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(126, 167, 252) }
```

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

```
.background{ background-color: rgb(126,  
167, 252) }
```

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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