

Converting Colors

YUV(154.6700, 44.0397,
-32.1596)

Have a look what the booklet for
YUV(154.6700, 44.0397, -32.1596)
contains.

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Color

**YUV(154.6700, 44.0397,
-32.1596)**

Conversions

Conversions Part 1

Format	Color
Hex	769CF4
RGB	118, 156, 244
RGB Percent	46%, 61%, 96%
CMY	0.5373, 0.3882, 0.0431
CMYK	0.52, 0.36, 0.00, 0.04
HSL	222°, 85%, 71%
HSV	222°, 52%, 96%
XYZ	35.6888, 34.1601, 90.3005
YIQ	154.6700, -50.8960, 19.3120

Conversions

Conversions Part 2

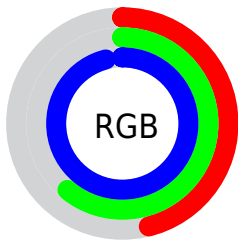
Format	Color
R _Y B	118, 147, 244
Decimal	7773428
CIE Lab	65.09, 11.19, -48.10
CIE LCh	65, 49.382, 283.102
Yxy	34.1601, 0.2228, 0.2133
Android (android.graphics.Color)	4285963508 (0xFF769CF4)
YUV	154.6700, 44.0397, -32.1596
Hunter-Lab	58.4467, 6.7143, -50.6908

Details

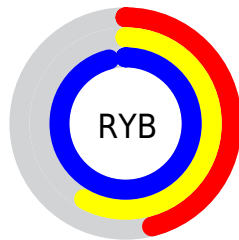
The YUV color **154.6700, 44.0397, -32.1596** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **207.3300, -44.0397, 32.1596**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.9640, 24.6677, -25.4014**, and **99.6970, 43.0404, -38.3223** is the 20% darker color. If you saturate the color by 10%, you get **137.5150, 52.4971, -38.1627**, and if you desaturate by 10%, it is **171.8250, 35.5823, -26.1565**.

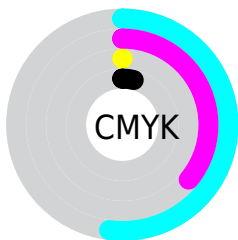
Distribution



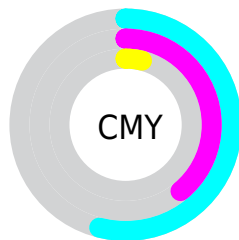
- Red (46%)
- Green (61%)
- Blue (96%)



- Red (46%)
- Yellow (58%)
- Blue (96%)



- Cyan (52%)
- Magenta (36%)
- Yellow (0%)
- Black (4%)



- Cyan (54%)
- Magenta (39%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.6700, 44.0397, -32.1596 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 154.6700, 44.0397, -32.1596 by changing the saturation by 10% instead.

■ 154.6700, 44.0397,
-32.1596

■ 154.6700, 44.0397,
-32.1596

255.0000, 0.0000,
0.0000

■ 127.1320, 43.3189,
-34.3188

■ 204.9640, 24.6677,
-25.4014

■ 99.6970, 43.0404,
-38.3223

■ 230.3700, 12.1426,
-21.3725

■ 68.4780, 45.1203,
-52.1622

■ 249.3190, 2.8007,
-11.6808

■ 49.7950, 41.0201,
-43.6702

■ 34.6180, 36.1773,
-30.3600

■ 20.0280, 31.0452,
-17.5646

■ 10.2480, 24.0347,

-8.9875

■ 5.2780, 15.1459,
-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 154.6700, 44.0397,
-32.1596

■ 154.6700, 44.0397,
-32.1596

■ 137.5150, 52.4971,
-38.1627

■ 171.8250, 35.5823,
-26.1565

■ 120.0610, 61.1019,
-44.7805

■ 189.2790, 26.9775,
-19.5387

■ 102.9060, 69.5593,
-50.7836

■ 206.4340, 18.5200,
-13.5356

■ 85.4520, 78.1642,
-57.4014

■ 223.8880, 9.9152,
-6.9178

■ 71.2540, 85.1638,
-62.4898

■ 241.0430, 1.4578,
-0.9147

■ 253.7460, -4.8048,
1.0998

Harmonies

Analogous

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



127.3780, 56.5086, -111.7105



154.6700, 44.0397, -32.1596



162.6290, 29.7629, 20.4964

Triad

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



154.6700, 44.0397, -32.1596



157.6650, -28.4288, 65.1918



131.9670, -0.4767, -80.6551

Complementary

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



154.6700, 44.0397, -32.1596



207.3300, -44.0397, 32.1596

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.



146.0220, -27.1258, -26.3293



154.6700, 44.0397, -32.1596



155.7920, -41.3095, 43.1554

Square

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



154.6700, 44.0397, -32.1596



159.0460, -9.3897, 71.8737



152.1810, -41.5012, 11.2423



125.8380, 25.2229, -110.3599

Rectangle

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



154.6700, 44.0397, -32.1596



162.4060, 18.0408, 47.0019



152.1810, -41.5012, 11.2423



138.9500, -11.3143, -57.8381

Sweetspot

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



154.6700, 44.0397, -32.1596



227.7890, 13.4150, -9.4620



201.7660, 1.1014, -73.4628



111.1440, 8.3100, -5.3883



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.



154.6700, 44.0397, -32.1596



143.1880, 55.1233, -40.5069



139.2410, 51.6462, 1.5426



113.7160, 4.0840, -3.2589



54.0760, 65.0385, -47.4247



17.2920, 20.5620, -15.1651

Inverse Universe

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



160.0060, -1.9750, 73.6627



149.7140, -2.3240, 92.3358



222.7590, -51.6462, -1.5426



114.0440, -0.0217, 6.9774



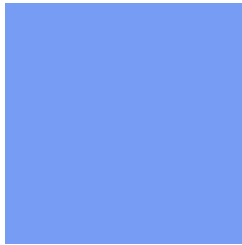
61.9980, -2.9570, 108.7498



19.6930, -0.8346, 34.4722

Previews

White Background



This preview shows how the YUV color 154.6700, 44.0397, -32.1596 looks on a white background.

Color Contrast Check

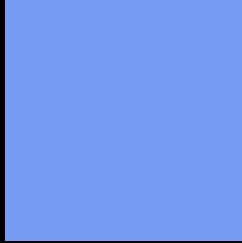
Large Text (above 18pt) WCAG AA × Fail

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 154.6700, 44.0397, -32.1596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

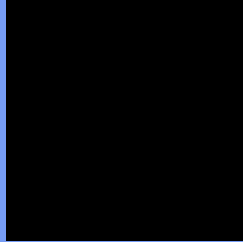
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 154.6700, 44.0397, -32.1596

Background



This preview shows how black text looks on a background with the YUV color 154.6700, 44.0397, -32.1596.



This preview shows how white text looks on a background with the YUV color 154.6700, 44.0397, -32.1596.

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

154.6700, 44.0397, -32.1596

Protanopia

155.7740, 43.0024, -26.1118

Deuteranopia

153.7620, 44.4873, -35.7483



Tritanopia

148.9540, 16.2917, -45.5637

Trichromacy



Original Color

154.6700, 44.0397, -32.1596

Protanomaly

155.4640, 43.1552, -28.4709

Deuteranomaly

154.3600, 44.1925, -34.5187

Tritanomaly

151.0330, 26.6057, -40.3709

Monochromacy



Original Color

154.6700, 44.0397, -32.1596

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

154.7610, 15.8938, -11.1914

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.6700, 44.0397, -32.1596 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(118, 156, 244)` looks like.

```
.text, #text, p{  
    color:rgb(118, 156, 244)  
}
```

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(118, 156, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 156, 244) }
```

Border

The CSS property to change the border of an element to YUV 154.6700, 44.0397, -32.1596 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(118, 156, 244) }
```


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

```
.border{ border-color:rgb(118, 156, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 156, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 156, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 156, 244);  
box-shadow:4px 4px 4px 4px rgb(118, 156,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 154.6700, 44.0397, -32.1596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 156, 244) }
```

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

```
.background{ background-color: rgb(118,  
156, 244) }
```

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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