

Converting Colors

YUV(135.6340, 58.8474,
-21.6040)

Have a look what the booklet for
YUV(135.6340, 58.8474, -21.6040)
contains.

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Color

**YUV(135.6340, 58.8474,
-21.6040)**

Conversions

Conversions Part 1

Format	Color
Hex	6F7DFF
RGB	111, 125, 255
RGB Percent	44%, 49%, 100%
CMY	0.5647, 0.5098, 0.0000
CMYK	0.56, 0.51, 0.00, 0.00
HSL	234°, 100%, 72%
HSV	234°, 56%, 100%
XYZ	31.9392, 25.2667, 97.8013
YIQ	135.6340, -50.0740, 37.4620

Conversions

Conversions Part 2

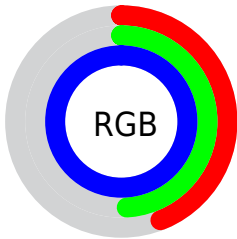
Format	Color
R_{YB}	111, 124, 255
Decimal	7306751
CIE _{Lab}	57.33, 31.52, -66.53
CIE _{LCh}	57, 73.620, 295.348
Yxy	25.2667, 0.2060, 0.1630
Android (android.graphics.Color)	4285496831 (0xFF6F7DFF)
YUV	135.6340, 58.8474, -21.6040
Hunter-Lab	50.2660, 25.4538, -80.1728

Details

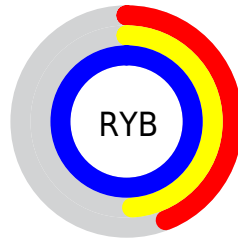
The YUV color **135.6340, 58.8474, -21.6040** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **230.3660, -58.8474, 21.6040**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.3970, 34.8073, -10.8722**, and **78.7310, 58.3066, -34.8441** is the 20% darker color. If you saturate the color by 10%, you get **114.6580, 69.1886, -25.1331**, and if you desaturate by 10%, it is **156.9090, 48.3589, -17.4602**.

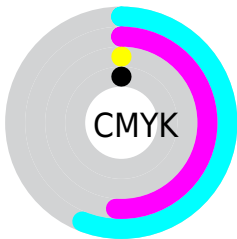
Distribution



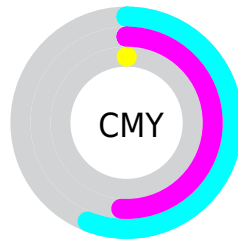
- Red (44%)
- Green (49%)
- Blue (100%)



- Red (44%)
- Yellow (49%)
- Blue (100%)



- Cyan (56%)
- Magenta (51%)
- Yellow (0%)
- Black (0%)



- Cyan (56%)
- Magenta (51%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.6340, 58.8474, -21.6040 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 135.6340, 58.8474, -21.6040 by changing the saturation by 10% instead.

■ 135.6340, 58.8474,
-21.6040

■ 135.6340, 58.8474,
-21.6040

■ 255.0000, 0.0000,
0.0000

■ 108.0850, 58.1321,
-25.5075

■ 184.3970, 34.8073,
-10.8722

■ 78.7310, 58.3066,
-34.8441

■ 209.8030, 22.2821,
-6.8432

■ 50.9640, 58.1917,
-44.6954

■ 235.5080, 9.6096,
-2.1995

■ 36.1460, 52.1860,
-31.7000

■ 22.6160, 46.0383,
-19.8342

■ 10.3740, 39.7486,
-9.0980

■ 11.6330, 26.8029,

-10.2021

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 135.6340, 58.8474,
-21.6040

■ 135.6340, 58.8474,
-21.6040

■ 114.6580, 69.1886,
-25.1331

■ 156.9090, 48.3589,
-17.4602

■ 93.3830, 79.6772,
-29.2769

■ 177.8850, 38.0177,
-13.9311

■ 72.1080, 90.1658,
-33.4207

■ 199.1600, 27.5291,
-9.7873

■ 51.1320, 100.5069,
-36.9498

■ 220.1360, 17.1880,
-6.2583

■ 43.7450, 104.1487,
-38.3644

■ 241.4110, 6.6994,
-2.1144

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



116.5330, 68.2642, -102.1994



135.6340, 58.8474, -21.6040



139.1680, 35.9062, 56.8577

Triad

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



135.6340, 58.8474, -21.6040



129.8630, -52.1905, 79.9271



111.1050, 6.8502, -97.4391

Complementary

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



135.6340, 58.8474, -21.6040



230.3660, -58.8474, 21.6040

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.



101.1190, -21.2577, -88.6814



135.6340, 58.8474, -21.6040



128.9230, -63.5590, 39.5325

Square

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



135.6340, 58.8474, -21.6040



126.6220, -19.5336, 105.5715



121.8370, -60.0656, -7.7500



119.2160, 35.3895, -104.5524

Rectangle

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



135.6340, 58.8474, -21.6040



131.8490, 19.7944, 91.3404



121.8370, -60.0656, -7.7500



108.0100, -2.4699, -94.7248

Sweetspot

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



135.6340, 58.8474, -21.6040



219.2500, 17.6248, -6.3582



210.3480, 15.1114, -87.1282



106.1380, 10.7780, -3.6290



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.



135.6340, 58.8474, -21.6040



111.1140, 70.9358, -25.5330



144.7580, 54.3493, 21.2602



117.0690, 5.3890, -1.8145



32.9270, 77.9300, -28.8770



10.8180, 26.2187, -9.4874

Inverse Universe

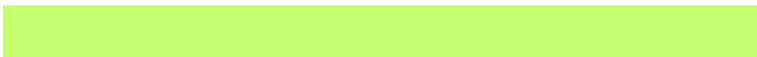
The Inverse Universe completely reimagines the original color for something new.



155.6520, -15.1114, 87.1282



135.5510, -18.5126, 104.7568



221.2420, -54.3493, -21.2602



119.0010, -1.4795, 7.8921



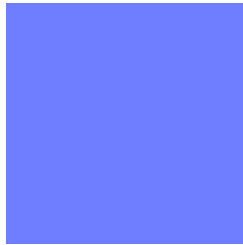
59.2750, -19.8556, 115.5228



19.8200, -6.8133, 38.7459

Previews

White Background



This preview shows how the YUV color 135.6340, 58.8474, -21.6040 looks on a white background.

Color Contrast Check

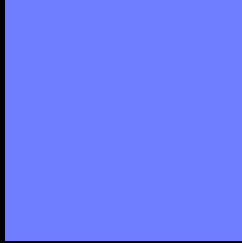
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.6340, 58.8474, -21.6040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

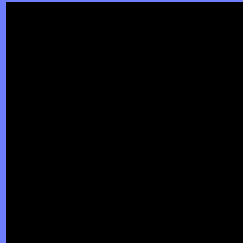
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 135.6340, 58.8474, -21.6040 Background



This preview shows how black text looks on a background with the YUV color 135.6340, 58.8474, -21.6040.



This preview shows how white text looks on a background with the YUV color 135.6340, 58.8474, -21.6040.

-21.6040.

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

135.6340, 58.8474, -21.6040

Protanopia

128.9680, 62.1338, -49.0839

Deuteranopia

110.3380, 67.3744, -96.7664



Tritanopia

127.2420, 16.1497, -46.6932

Trichromacy



Original Color

135.6340, 58.8474, -21.6040

Protanomaly

131.3930, 60.9383, -38.9327

Deuteranomaly

119.7050, 64.2354, -69.9013

Tritanomaly

130.4230, 31.8365, -38.0820

Monochromacy



Original Color

135.6340, 58.8474, -21.6040

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

135.8630, 21.2665, -7.7729

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.6340, 58.8474, -21.6040 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, 125, 255)` looks like.

```
.text, #text, p{  
    color:rgb(111, 125, 255)  
}
```

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, 125, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 125, 255) }
```

Border

The CSS property to change the border of an element to YUV 135.6340, 58.8474, -21.6040 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, 125, 255) }
```


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

```
.border{ border-color:rgb(111, 125, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 125, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 125, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 125, 255);  
box-shadow:4px 4px 4px 4px rgb(111, 125,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 135.6340, 58.8474, -21.6040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 125, 255) }
```

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

```
.background{ background-color: rgb(111,  
125, 255) }
```

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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