

Converting Colors

YUV(96.3300, 73.2943,
-35.3694)

Have a look what the booklet for
YUV(96.3300, 73.2943, -35.3694)
contains.

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Color

**YUV(96.3300, 73.2943,
-35.3694)**

Conversions

Conversions Part 1

Format	Color
Hex	3858F5
RGB	56, 88, 245
RGB Percent	22%, 35%, 96%
CMY	0.7804, 0.6549, 0.0392
CMYK	0.77, 0.64, 0.00, 0.04
HSL	230°, 90%, 59%
HSV	230°, 77%, 96%
XYZ	21.6020, 14.4128, 88.0296
YIQ	96.3300, -69.4690, 42.0430

Conversions

Conversions Part 2

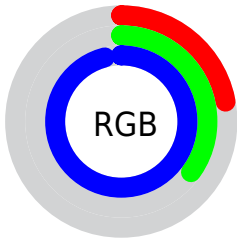
Format	Color
R _Y B	56, 83, 245
Decimal	3692789
CIE Lab	44.82, 42.98, -81.46
CIE LCh	45, 92.101, 297.819
Yxy	14.4128, 0.1741, 0.1162
Android (android.graphics.Color)	4281882869 (0xFF3858F5)
YUV	96.3300, 73.2943, -35.3694
Hunter-Lab	37.9642, 35.1313, -110.9041

Details

The YUV color **96.3300, 73.2943, -35.3694** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **204.6700, -73.2943, 35.3694**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.2450, 52.1372, -16.0009**, and **46.5590, 69.2374, -40.8322** is the 20% darker color. If you saturate the color by 10%, you get **77.1150, 82.7673, -40.4429**, and if you desaturate by 10%, it is **115.2460, 63.9687, -30.9107**.

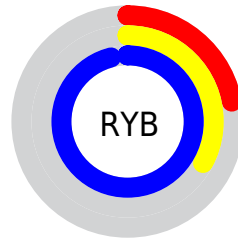
Distribution



 Red (22%)

 Green (35%)

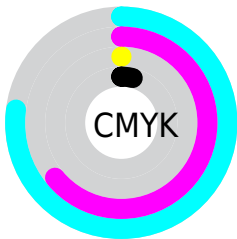
 Blue (96%)




 Red (22%)

 Yellow (33%)

 Blue (96%)

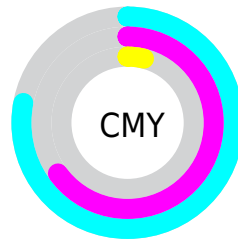


 Cyan (77%)

 Magenta (64%)

 Yellow (0%)

 Black (4%)



 Cyan (78%)

 Magenta (65%)

 Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.3300, 73.2943, -35.3694 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 96.3300, 73.2943, -35.3694 by changing the saturation by 10% instead.

■ 96.3300, 73.2943,
-35.3694

■ 96.3300, 73.2943,
-35.3694

■ 255.0000, 0.0000,
0.0000

■ 62.7790, 75.5380,
-55.0572

■ 149.2450, 52.1372,
-16.0009

■ 46.5590, 69.2374,
-40.8322

■ 174.0750, 39.8960,
-9.7128

■ 32.3280, 62.9423,
-28.3517

■ 199.4920, 27.3654,
-3.9395

■ 18.5700, 55.9210,
-16.2859

■ 225.1970, 14.6929,
0.7042

■ 13.8450, 45.4324,
-12.1421

■ 250.8910, 2.0257,
3.6036

■ 15.6910, 32.1973,
-13.7610

■ 9.4330, 23.4505,

-8.2727

■ 5.0500, 14.2723,
-4.4289

■ 1.0260, 3.9312,
-0.8998

■ 96.3300, 73.2943,
-35.3694

■ 96.3300, 73.2943,
-35.3694

■ 77.1150, 82.7673,
-40.4429

■ 115.2460, 63.9687,
-30.9107

■ 57.6120, 92.3823,
-44.3867

■ 135.0480, 54.2063,
-26.3521

■ 51.9970, 95.1505,
-45.6014

■ 154.2630, 44.7333,
-21.2787

■ 173.1790, 35.4078,
-16.8200

■ 192.6820, 25.7928,
-12.8761

■ 211.8970, 16.3198,
-7.8027

■ 230.8130, 6.9942,
-3.3440

■ 250.6150, -2.7682,
1.2146

■ 253.8600, -4.3680,
0.9998

Harmonies

Analogous

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



98.9230, 76.9460, -86.7555



96.3300, 73.2943, -35.3694



80.1060, 53.6847, 94.6230

Triad

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



96.3300, 73.2943, -35.3694



93.5030, -46.0970, 85.5049



89.8300, 4.0278, -78.7809

Complementary

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



96.3300, 73.2943, -35.3694



204.6700, -73.2943, 35.3694

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.



76.8970, -37.9102, -67.4387



96.3300, 73.2943, -35.3694



100.2390, -49.4178, 30.4854

Square

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



96.3300, 73.2943, -35.3694



72.2480, -15.4053, 134.8405



87.4720, -43.1237, -28.4779



100.0100, 37.9561, -87.7088

Rectangle

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



96.3300, 73.2943, -35.3694



82.1530, 29.0116, 121.7688



87.4720, -43.1237, -28.4779



86.1650, -7.4763, -75.5667

Sweetspot

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



96.3300, 73.2943, -35.3694



208.5960, 22.8772, -11.0467



184.4990, 12.5720, -112.6936



99.6260, 13.9884, -6.6880



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.



96.3300, 73.2943, -35.3694



68.4980, 91.9455, -44.2867



95.4860, 73.7104, 17.9908



112.5420, 4.6628, -2.2293



39.9880, 71.9839, -35.0695



12.5960, 22.8772, -11.0467

Inverse Universe

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



116.1590, -13.8824, 112.9936



93.4230, -17.4635, 141.7030



205.5140, -73.7104, -17.9908



113.8160, -0.8953, 7.1774



59.2620, -13.4402, 111.1492



18.7810, -4.3290, 35.2721

Previews

White Background



This preview shows how the YUV color 96.3300, 73.2943, -35.3694 looks on a white background.

Color Contrast Check

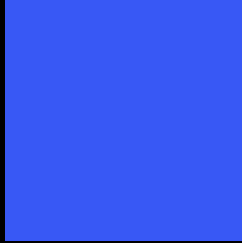
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 96.3300, 73.2943, -35.3694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

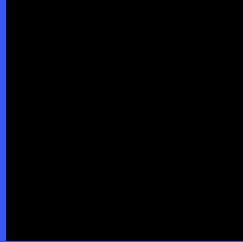
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 96.3300, 73.2943, -35.3694 Background



This preview shows how black text looks on a background with the YUV color 96.3300, 73.2943, -35.3694.



This preview shows how white text looks on a background with the YUV color 96.3300, 73.2943, -35.3694.

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

96.3300, 73.2943, -35.3694

Protanopia

83.6830, 64.2463, -73.3900

Deuteranopia

84.2580, 48.6798, -73.8943



Tritanopia

82.8150, 20.3042, -72.6288

Trichromacy



Original Color

96.3300, 73.2943, -35.3694

Protanomaly

87.9820, 67.5499, -59.6202

Deuteranomaly

88.7510, 57.8038, -60.2946

Tritanomaly

87.3540, 39.7585, -59.0695

Monochromacy



Original Color

96.3300, 73.2943, -35.3694

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.9100, 26.6664, -13.0761

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.3300, 73.2943, -35.3694 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(56, 88, 245)` looks like.

```
.text, #text, p{  
    color:rgb(56, 88, 245)  
}
```

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(56, 88, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 88, 245) }
```

Border

The CSS property to change the border of an element to YUV 96.3300, 73.2943, -35.3694 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(56, 88, 245) }
```


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

```
.border{ border-color:rgb(56, 88, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 88, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 88, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 88, 245);  
box-shadow:4px 4px 4px 4px rgb(56, 88,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 96.3300, 73.2943, -35.3694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 88, 245) }
```

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

```
.background{ background-color: rgb(56, 88,  
245) }
```

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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