

Converting Colors

YUV(99.2590, 74.3153,
-36.1841)

Have a look what the booklet for
YUV(99.2590, 74.3153, -36.1841)
contains.

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Color

**YUV(99.2590, 74.3153,
-36.1841)**

Conversions

Conversions Part 1

Format	Color
Hex	3A5BFA
RGB	58, 91, 250
RGB Percent	23%, 36%, 98%
CMY	0.7725, 0.6431, 0.0196
CMYK	0.77, 0.64, 0.00, 0.02
HSL	230°, 95%, 60%
HSV	230°, 77%, 98%
XYZ	22.7413, 15.2838, 92.1940
YIQ	99.2590, -70.7070, 42.4530

Conversions

Conversions Part 2

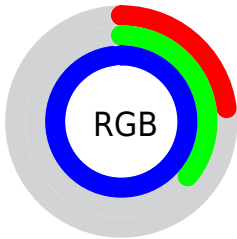
Format	Color
R_{YB}	58, 86, 250
Decimal	3824634
CIE _{Lab}	46.02, 43.08, -82.28
CIE _{LCh}	46, 92.872, 297.634
Yxy	15.2838, 0.1746, 0.1174
Android (android.graphics.Color)	4282014714 (0xFF3A5BFA)
YUV	99.2590, 74.3153, -36.1841
Hunter-Lab	39.0946, 35.4181, -112.4533

Details

The YUV color **99.2590, 74.3153, -36.1841** 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 **208.7410, -74.3153, 36.1841**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.6040, 50.9742, -16.3157**, and **48.8900, 70.5532, -42.8765** is the 20% darker color. If you saturate the color by 10%, you get **79.4570, 84.0777, -40.7428**, and if you desaturate by 10%, it is **119.0610, 64.5529, -31.6255**.

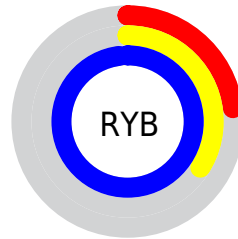
Distribution



Red (23%)

Green (36%)

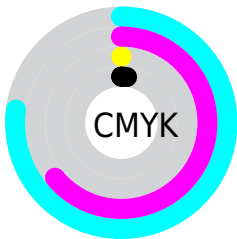
Blue (98%)



Red (23%)

Yellow (34%)

Blue (98%)

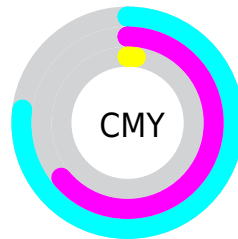


Cyan (77%)

Magenta (64%)

Yellow (0%)

Black (2%)



Cyan (77%)

Magenta (64%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.2590, 74.3153, -36.1841 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 99.2590, 74.3153, -36.1841 by changing the saturation by 10% instead.

■ 99.2590, 74.3153,
-36.1841

■ 99.2590, 74.3153,
-36.1841

■ 255.0000, 0.0000,
0.0000

■ 65.1100, 76.8538,
-57.1015

■ 151.6040, 50.9742,
-16.3157

■ 48.8900, 70.5532,
-42.8765

■ 177.0210, 38.4436,
-10.5424

■ 33.9580, 64.1107,
-29.7812

■ 202.4380, 25.9131,
-4.7691

■ 21.4880, 56.9474,
-18.8450

■ 228.4420, 13.0931,
0.4894

■ 12.6540, 48.4846,
-11.0976

■ 252.6520, 1.1576,
2.0592

■ 16.7340, 33.6551,
-14.6757

■ 10.4760, 24.9083,

-9.1875

■ 6.0930, 15.7302,
-5.3436

■ 2.2970, 6.2626,
-2.0145

■ 99.2590, 74.3153,
-36.1841

■ 99.2590, 74.3153,
-36.1841

■ 79.4570, 84.0777,
-40.7428

■ 119.0610, 64.5529,
-31.6255

■ 60.2420, 93.5507,
-45.8162

■ 138.2760, 55.0799,
-26.5521

■ 53.7410, 96.7557,
-47.1309

■ 158.0780, 45.3175,
-21.9934

■ 177.8800, 35.5552,
-17.4348

■ 197.6820, 25.7928,
-12.8761

■ 216.8970, 16.3198,
-7.8027

■ 236.6990, 6.5574,
-3.2440

254.4300, -2.1840,
0.4999

Harmonies

Analogous

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



101.2710, 75.7884, -88.8147



99.2590, 74.3153, -36.1841



86.2690, 53.1114, 91.8491

Triad

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



99.2590, 74.3153, -36.1841



96.1720, -47.4128, 87.5492



92.4060, 3.7438, -81.0401

Complementary

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



99.2590, 74.3153, -36.1841



208.7410, -74.3153, 36.1841

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.



78.6580, -38.7784, -68.9831



99.2590, 74.3153, -36.1841



102.6090, -50.5862, 31.9149

Square

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



99.2590, 74.3153, -36.1841



73.9710, -15.2687, 137.7144



90.7170, -44.7235, -28.6928



102.1130, 38.3983, -89.5531

Rectangle

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



99.2590, 74.3153, -36.1841



84.1040, 30.0217, 124.4428



90.7170, -44.7235, -28.6928



88.7410, -7.7603, -77.8259

Sweetspot

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



99.2590, 74.3153, -36.1841



208.5960, 22.8772, -11.0467



188.6020, 13.0142, -114.5380



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.



99.2590, 74.3153, -36.1841



70.8570, 90.7825, -44.6016



98.1270, 74.8734, 18.3056



115.2430, 4.8102, -2.8441



40.3300, 73.2943, -35.3694



13.4110, 23.4614, -11.7614

Inverse Universe

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



119.1700, -13.8878, 114.7379



94.9390, -16.7319, 140.3735



209.8730, -74.8734, -18.3056



116.2290, -0.6059, 7.6922



60.1590, -13.8824, 112.9936



19.4930, -4.1870, 36.4016

Previews

White Background



This preview shows how the YUV color 99.2590, 74.3153, -36.1841 looks on a white background.

Color Contrast Check

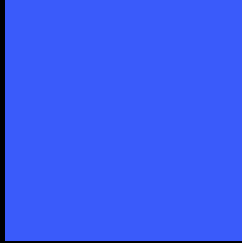
Large Text (above 18pt) WCAG AA ✓ Pass

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 99.2590, 74.3153, -36.1841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

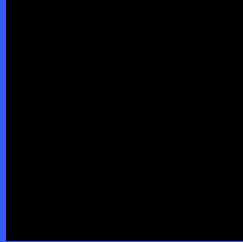
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.2590, 74.3153, -36.1841

Background



This preview shows how black text looks on a background with the YUV color 99.2590, 74.3153, -36.1841.



This preview shows how white text looks on a background with the YUV color 99.2590, 74.3153, -36.1841.

-36.1841.

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

99.2590, 74.3153, -36.1841

Protanopia

86.1280, 65.9989, -75.5343

Deuteranopia

86.7030, 50.4324, -76.0385



Tritanopia

85.0320, 21.1832, -74.5731

Trichromacy



Original Color

99.2590, 74.3153, -36.1841

Protanomaly

90.7260, 69.1551, -61.1497

Deuteranomaly

91.3810, 58.9722, -61.7241

Tritanomaly

89.8700, 40.4901, -60.3990

Monochromacy



Original Color

99.2590, 74.3153, -36.1841

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.0240, 27.1032, -13.1760

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.2590, 74.3153, -36.1841 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(58, 91, 250)` looks like.

```
.text, #text, p{  
    color:rgb(58, 91, 250)  
}
```

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(58, 91, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 91, 250) }
```

Border

The CSS property to change the border of an element to YUV 99.2590, 74.3153, -36.1841 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(58, 91, 250) }
```


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

```
.border{ border-color:rgb(58, 91, 250) }
```

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

Here you see how a box with a 4 pixel rgb(58, 91, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 91, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 91, 250);  
box-shadow:4px 4px 4px 4px rgb(58, 91,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 99.2590, 74.3153, -36.1841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 91, 250) }
```

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

```
.background{ background-color: rgb(58, 91,  
250) }
```

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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