

Converting Colors

YUV(79.4590, 74.2167,
-51.2685)

Have a look what the booklet for
YUV(79.4590, 74.2167, -51.2685)
contains.

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Color

**YUV(79.4590, 74.2167,
-51.2685)**

Conversions

Conversions Part 1

Format	Color
Hex	1550E6
RGB	21, 80, 230
RGB Percent	8%, 31%, 90%
CMY	0.9176, 0.6863, 0.0980
CMYK	0.91, 0.65, 0.00, 0.10
HSL	223°, 83%, 49%
HSV	223°, 91%, 90%
XYZ	17.4608, 11.6099, 76.1836
YIQ	79.4590, -83.3140, 34.1420

Conversions

Conversions Part 2

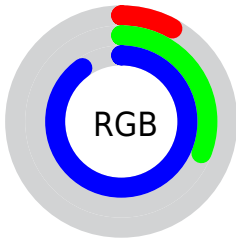
Format	Color
R_{YB}	21, 67, 230
Decimal	1396966
CIE _{Lab}	40.59, 40.32, -79.99
CIE _{LCh}	41, 89.572, 296.750
Yxy	11.6099, 0.1659, 0.1103
Android (android.graphics.Color)	4279587046 (0xFF1550E6)
YUV	79.4590, 74.2167, -51.2685
Hunter-Lab	34.0733, 31.8438, -108.7134

Details

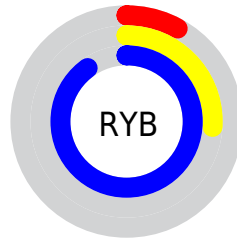
The YUV color **79.4590, 74.2167, -51.2685** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **171.5410, -74.2167, 51.2685**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.2810, 57.5425, -23.0484**, and **41.4410, 64.8586, -36.3438** is the 20% darker color. If you saturate the color by 10%, you get **64.3750, 81.6531, -56.4569**, and if you desaturate by 10%, it is **96.3150, 65.9067, -45.8803**.

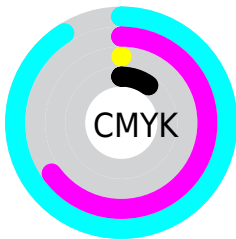
Distribution



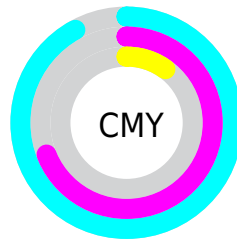
- Red (8%)
- Green (31%)
- Blue (90%)



- Red (8%)
- Yellow (26%)
- Blue (90%)



- Cyan (91%)
- Magenta (65%)
- Yellow (0%)
- Black (10%)



- Cyan (92%)
- Magenta (69%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.4590, 74.2167, -51.2685 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 79.4590, 74.2167, -51.2685 by changing the saturation by 10% instead.

■ 79.4590, 74.2167,
-51.2685

■ 79.4590, 74.2167,
-51.2685

■ 255.0000, 0.0000,
0.0000

■ 56.3730, 71.3011,
-49.4391

■ 138.2810, 57.5425,
-23.0484

■ 41.4410, 64.8586,
-36.3438

■ 163.7090, 45.0065,
-15.5308

■ 27.7970, 58.2741,
-24.3780

■ 188.8270, 32.6233,
-10.3723

■ 13.5660, 51.9790,
-11.8974

■ 214.2440, 20.0927,
-4.5990

■ 18.8200, 36.5707,
-16.5051

■ 240.5360, 7.1308,
-0.4701

■ 12.4480, 27.3871,
-10.9169

■ 6.8910, 18.7877,

-6.0434

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 79.4590, 74.2167,
-51.2685

■ 79.4590, 74.2167,
-51.2685

■ 64.3750, 81.6531,
-56.4569

■ 96.3150, 65.9067,
-45.8803

■ 112.5840, 57.8861,
-39.9772

■ 129.4400, 49.5761,
-34.5889

■ 145.7090, 41.5555,
-28.6858

■ 162.5650, 33.2455,
-23.2975

■ 178.8340, 25.2248,
-17.3944

■ 195.6900, 16.9148,
-12.0061

■ 211.9590, 8.8942,
-6.1030

■ 228.8150, 0.5842,
-0.7148

Harmonies

Analogous

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



92.0270, 75.9087, -80.7077



79.4590, 74.2167, -51.2685



71.4210, 52.5434, 87.3308

Triad

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



79.4590, 74.2167, -51.2685



82.2730, -40.5606, 83.0756



81.3040, 1.8221, -71.3036

Complementary

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



79.4590, 74.2167, -51.2685



171.5410, -74.2167, 51.2685

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.



69.8530, -34.4375, -61.2611



79.4590, 74.2167, -51.2685



90.4930, -44.6130, 29.3856

Square

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



79.4590, 74.2167, -51.2685



66.8940, -15.2307, 125.5040



78.9220, -38.9085, -27.1186



91.1420, 34.4400, -79.9315

Rectangle

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



79.4590, 74.2167, -51.2685



75.9300, 27.1495, 112.3174



78.9220, -38.9085, -27.1186



77.7530, -9.2452, -68.1894

Sweetspot

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



79.4590, 74.2167, -51.2685



205.6060, 24.3512, -17.1945



160.7830, 5.0370, -122.5897



98.1310, 14.7254, -9.7619



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.



79.4590, 74.2167, -51.2685



71.3340, 90.5473, -62.5599



58.2810, 84.6575, 6.7696



106.7160, 4.0840, -3.2589



49.7560, 63.7173, -43.6360



14.0320, 18.2252, -12.3061

Inverse Universe

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



90.2170, -5.0370, 122.5897



84.4530, -6.1393, 149.5697



192.7190, -84.6575, -6.7696



107.0440, -0.0217, 6.9774



59.2210, -4.5460, 105.0462



16.8450, -1.4026, 29.9539

Previews

White Background



This preview shows how the YUV color 79.4590, 74.2167, -51.2685 looks on a white background.

Color Contrast Check

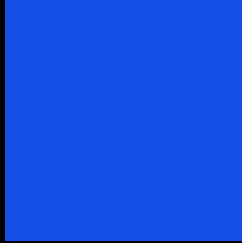
Large Text (above 18pt) WCAG AA ✓ Pass

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 79.4590, 74.2167, -51.2685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

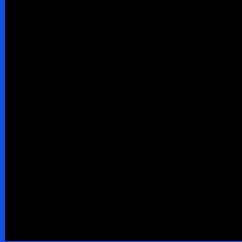
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.4590, 74.2167, -51.2685

Background



This preview shows how black text looks on a background with the YUV color 79.4590, 74.2167, -51.2685.



This preview shows how white text looks on a background with the YUV color 79.4590, 74.2167, -51.2685.

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

79.4590, 74.2167, -51.2685

Protanopia

76.0060, 57.6780, -66.6573

Deuteranopia

76.3360, 43.7114, -66.9467



Tritanopia

74.2890, 18.0985, -65.1515

Trichromacy



Original Color

79.4590, 74.2167, -51.2685

Protanomaly

77.5320, 63.3347, -60.9796

Deuteranomaly

77.3550, 55.0410, -60.8243

Tritanomaly

76.3000, 38.3061, -59.8991

Monochromacy



Original Color

79.4590, 74.2167, -51.2685

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.9910, 27.1194, -18.4091

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.4590, 74.2167, -51.2685 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(21, 80, 230)` looks like.

```
.text, #text, p{  
    color:rgb(21, 80, 230)  
}
```

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(21, 80, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 80, 230) }
```

Border

The CSS property to change the border of an element to YUV 79.4590, 74.2167, -51.2685 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(21, 80, 230) }
```


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

```
.border{ border-color:rgb(21, 80, 230) }
```

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

Here you see how a box with a 4 pixel rgb(21, 80, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 80, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 80, 230);  
box-shadow:4px 4px 4px 4px rgb(21, 80,  
230) }
```

Background

The CSS property to change the background color of an element to YUV 79.4590, 74.2167, -51.2685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 80, 230) }
```

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

```
.background{ background-color: rgb(21, 80,  
230) }
```

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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