

Converting Colors

YUV(77.9340, 60.6715, 0.0579)

Have a look what the booklet for
YUV(77.9340, 60.6715, 0.0579)
contains.

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Color

**YUV(77.9340, 60.6715,
0.0579)**

Conversions

Conversions Part 1

Format	Color
Hex	4E36C9
RGB	78, 54, 201
RGB Percent	31%, 21%, 79%
CMY	0.6941, 0.7882, 0.2118
CMYK	0.61, 0.73, 0.00, 0.21
HSL	250°, 58%, 50%
HSV	250°, 73%, 79%
XYZ	15.0037, 8.4751, 56.1034
YIQ	77.9340, -32.8830, 50.8050

Conversions

Conversions Part 2

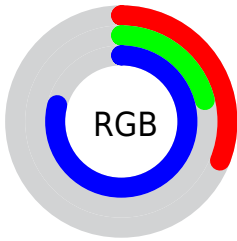
Format	Color
R_{YB}	78, 54, 201
Decimal	5125833
CIE _{Lab}	34.95, 50.60, -72.49
CIE _{LCh}	35, 88.401, 304.915
Yxy	8.4751, 0.1885, 0.1065
Android (android.graphics.Color)	4283315913 (0xFF4E36C9)
YUV	77.9340, 60.6715, 0.0579
Hunter-Lab	29.1120, 41.0489, -93.8828

Details

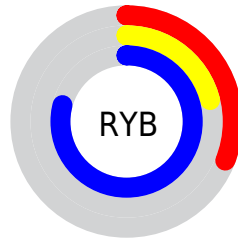
The YUV color **77.9340, 60.6715, 0.0579** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **177.0660, -60.6715, -0.0579**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.9780, 60.6498, 7.0353**, and **18.4050, 62.9043, -16.1412** is the 20% darker color. If you saturate the color by 10%, you get **61.1110, 68.9653, -0.0973**, and if you desaturate by 10%, it is **94.7570, 52.3778, 0.2131**.

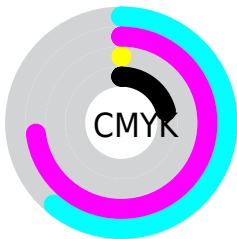
Distribution



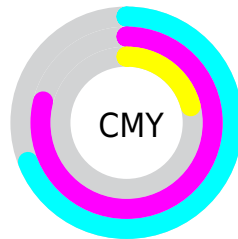
- Red (31%)
- Green (21%)
- Blue (79%)



- Red (31%)
- Yellow (21%)
- Blue (79%)



- Cyan (61%)
- Magenta (73%)
- Yellow (0%)
- Black (21%)



- Cyan (69%)
- Magenta (79%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.9340, 60.6715, 0.0579 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 77.9340, 60.6715, 0.0579 by changing the saturation by 10% instead.

■ 77.9340, 60.6715,
0.0579

■ 77.9340, 60.6715,
0.0579

■ 255.0000, 0.0000,
0.0000

■ 49.5910, 60.8406,
-7.5343

■ 131.9780, 60.6498,
7.0353

■ 18.4050, 62.9043,
-16.1412

■ 156.2100, 48.7035,
12.0938

■ 13.5660, 51.9790,
-11.8974

■ 180.4420, 36.7571,
17.1524

■ 10.6020, 40.6222,
-9.2980

■ 205.8480, 24.2319,
21.1813

■ 12.4480, 27.3871,
-10.9169

■ 229.7590, 12.4438,
22.1364

■ 6.8910, 18.7877,
-6.0434

■ 246.1950, 4.3409,

■ 3.3230, 10.1938,

7.7220

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 77.9340, 60.6715,
0.0579

■ 77.9340, 60.6715,
0.0579

■ 61.1110, 68.9653,
-0.0973

■ 94.7570, 52.3778,
0.2131

■ 44.2880, 77.2590,
-0.2526

■ 111.5800, 44.0841,
0.3683

■ 32.7810, 82.9320,
0.1921

■ 128.1040, 35.9377,
-0.0912

■ 144.9270, 27.6440,
0.0640

■ 162.3370, 19.0609,
-0.2955

■ 179.1600, 10.7671,
-0.1403

■ 195.9830, 2.4734,
0.0149

■ 212.8060, -5.8204,
0.1701

■ 229.3300,
-13.9667, -0.2894

Harmonies

Analogous

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



78.7080, 73.1080, -69.0269



77.9340, 60.6715, 0.0579



67.2460, 37.8397, 90.1153

Triad

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



77.9340, 60.6715, 0.0579



74.1780, -36.5698, 62.9879



73.4110, 9.6574, -64.3814

Complementary

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



77.9340, 60.6715, 0.0579



177.0660, -60.6715, -0.0579

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.



61.8460, -27.0391, -54.2389



77.9340, 60.6715, 0.0579



76.5170, -37.7229, 12.7016

Square

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



77.9340, 60.6715, 0.0579



55.1300, -26.6861, 113.0190



57.5260, -28.3603, -50.4503



81.9780, 39.9438, -71.8947

Rectangle

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



77.9340, 60.6715, 0.0579



68.5800, 14.5041, 108.2393



57.5260, -28.3603, -50.4503



69.9740, -0.9732, -61.3672

Sweetspot

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



77.9340, 60.6715, 0.0579



208.0750, 23.1340, -0.0658



144.1330, 28.0354, -79.0466



99.6700, 13.9667, 0.2894



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.



77.9340, 60.6715, 0.0579



67.3000, 92.5361, -0.2631



99.4620, 50.0582, 44.3218



91.3250, 3.7838, -0.2850



26.6550, 67.2181, 0.3026



5.8980, 14.8403, 0.0895

Inverse Universe

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



111.9750, 32.0573, 78.0749



119.2940, 48.6621, 119.0142



155.5380, -50.0582, -44.3218



93.6030, 2.1677, 4.7332



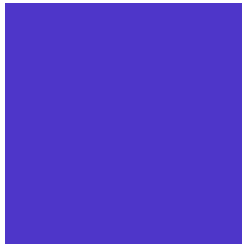
64.3550, 35.8140, 86.5117



14.1840, 7.7973, 19.1326

Previews

White Background



This preview shows how the YUV color 77.9340, 60.6715, 0.0579 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 ✓ Pass

Black Background



This preview shows how the YUV color 77.9340, 60.6715, 0.0579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

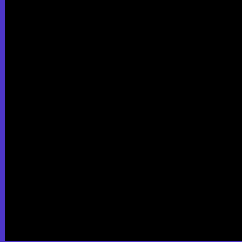
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.9340, 60.6715, 0.0579

Background



This preview shows how black text looks on a background with the YUV color 77.9340, 60.6715, 0.0579.



This preview shows how white text looks on a background with the YUV color 77.9340, 60.6715,

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

77.9340, 60.6715, 0.0579

Protanopia

65.4110, 50.0834, -57.3654

Deuteranopia

65.6100, 38.1533, -57.5400



Tritanopia

70.8790, 13.3707, -41.9899

Trichromacy



Original Color

77.9340, 60.6715, 0.0579

Protanomaly

69.8680, 53.8021, -36.7182

Deuteranomaly

69.9190, 46.3819, -36.7630

Tritanomaly

73.4460, 30.3461, -26.7011

Monochromacy



Original Color

77.9340, 60.6715, 0.0579

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.8470, 22.2604, 0.1342

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.9340, 60.6715, 0.0579 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(78, 54, 201)` looks like.

```
.text, #text, p{  
    color:rgb(78, 54, 201)  
}
```

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(78, 54, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 54, 201) }
```

Border

The CSS property to change the border of an element to YUV 77.9340, 60.6715, 0.0579 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(78, 54, 201) }
```


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

```
.border{ border-color:rgb(78, 54, 201) }
```

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

Here you see how a box with a 4 pixel rgb(78, 54, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 54, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 54, 201);  
box-shadow:4px 4px 4px 4px rgb(78, 54,  
201) }
```

Background

The CSS property to change the background color of an element to YUV 77.9340, 60.6715, 0.0579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 54, 201) }
```

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

```
.background{ background-color: rgb(78, 54,  
201) }
```

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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