

Converting Colors

YUV(79.2350, 84.1871,
-29.1471)

Have a look what the booklet for
YUV(79.2350, 84.1871, -29.1471)
contains.

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Color

**YUV(79.2350, 84.1871,
-29.1471)**

Conversions

Conversions Part 1

Format	Color
Hex	2E3FFA
RGB	46, 63, 250
RGB Percent	18%, 25%, 98%
CMY	0.8196, 0.7529, 0.0196
CMYK	0.82, 0.75, 0.00, 0.02
HSL	235°, 95%, 58%
HSV	235°, 82%, 98%
XYZ	20.1595, 11.0380, 91.5105
YIQ	79.2350, -70.1590, 54.5530

Conversions

Conversions Part 2

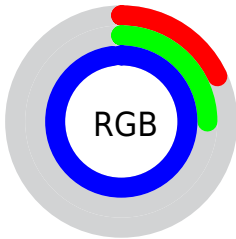
Format	Color
R_{YB}	46, 62, 250
Decimal	3031034
CIE _{Lab}	39.64, 58.34, -92.80
CIE _{LCh}	40, 109.616, 302.154
Yxy	11.0380, 0.1643, 0.0900
Android (android.graphics.Color)	4281221114 (0xFF2E3FFA)
YUV	79.2350, 84.1871, -29.1471
Hunter-Lab	33.2235, 50.1703, -140.0516

Details

The YUV color **79.2350, 84.1871, -29.1471** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **216.7650, -84.1871, 29.1471**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.9720, 59.6668, -4.3604**, and **31.2800, 79.2350, -27.4326** is the 20% darker color. If you saturate the color by 10%, you get **58.2590, 94.5283, -32.6761**, and if you desaturate by 10%, it is **100.2110, 73.8460, -25.6180**.

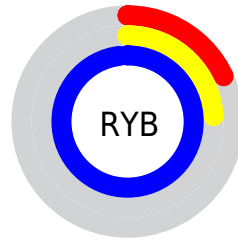
Distribution



Red (18%)

Green (25%)

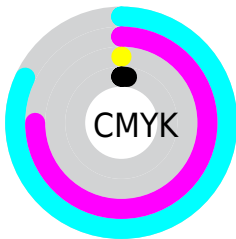
Blue (98%)



Red (18%)

Yellow (24%)

Blue (98%)

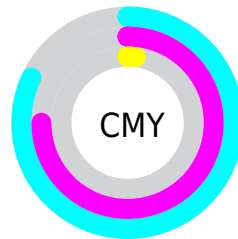


Cyan (82%)

Magenta (75%)

Yellow (0%)

Black (2%)



Cyan (82%)

Magenta (75%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.2350, 84.1871, -29.1471 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 79.2350, 84.1871, -29.1471 by changing the saturation by 10% instead.

■ 79.2350, 84.1871,
-29.1471

■ 79.2350, 84.1871,
-29.1471

255.0000, 0.0000,
0.0000

■ 48.0870, 85.2461,
-42.1723

■ 133.9720, 59.6668,
-4.3604

■ 31.2800, 79.2350,
-27.4326

■ 159.1010, 47.2782,
2.5424

■ 18.6960, 71.6349,
-16.3964

■ 184.8170, 34.6002,
8.9305

■ 15.5040, 59.4045,
-13.5970

■ 210.2340, 22.0696,
14.7038

■ 17.8230, 45.4433,
-15.6308

■ 235.6290, 9.5499,
16.9884

■ 16.0330, 33.5077,
-14.0609

■ 252.6520, 1.1576,

■ 10.3620, 24.4715,

2.0592

-9.0875

■ 5.3920, 15.5827,
-4.7288

■ 2.1830, 5.8258,
-1.9145

■ 79.2350, 84.1871,
-29.1471

■ 79.2350, 84.1871,
-29.1471

■ 58.2590, 94.5283,
-32.6761

■ 100.2110, 73.8460,
-25.6180

■ 40.8270, 103.1223,
-35.8053

■ 121.1870, 63.5048,
-22.0890

■ 142.1630, 53.1636,
-18.5600

■ 163.1390, 42.8225,
-15.0309

■ 184.1150, 32.4813,
-11.5019

■ 205.0910, 22.1401,
-7.9728

■ 225.4800, 12.0884,
-3.9290

■ 246.4560, 1.7472,
-0.3999

■ 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.



92.4660, 80.1293, -81.0927



79.2350, 84.1871, -29.1471



79.3090, 49.1477, 103.2150

Triad

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



79.2350, 84.1871, -29.1471



78.7510, -38.8242, 86.1644



83.3730, 7.2111, -73.1181

Complementary

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



79.2350, 84.1871, -29.1471



216.7650, -84.1871, 29.1471

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



79.2350, 84.1871, -29.1471



87.1820, -42.9807, 19.1344

Square

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



79.2350, 84.1871, -29.1471



66.6060, -31.8508, 136.2805



65.7440, -32.4118, -57.6575



94.9210, 46.3809, -83.2457

Rectangle

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



79.2350, 84.1871, -29.1471



82.2650, 19.0964, 128.6866



65.7440, -32.4118, -57.6575



79.1380, -6.4770, -69.4040

Sweetspot

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



79.2350, 84.1871, -29.1471



203.8890, 25.1977, -8.6727



187.0660, 22.6455, -123.7149



96.9790, 15.2934, -5.2436



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.



79.2350, 84.1871, -29.1471



45.8270, 103.1223, -35.8053



94.6710, 76.5772, 31.8605



114.0690, 5.3890, -1.8145



30.9380, 77.9246, -27.1326



9.8890, 25.1977, -8.6727

Inverse Universe

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



108.9340, -22.6455, 123.7149



82.1440, -27.6790, 151.5947



201.3290, -76.5772, -31.8605



116.0010, -1.4795, 7.8921



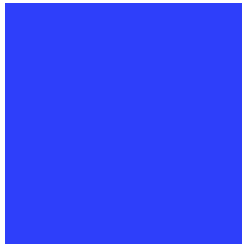
58.3350, -20.8712, 114.5932



18.8090, -6.8078, 37.0015

Previews

White Background



This preview shows how the YUV color 79.2350, 84.1871, -29.1471 looks on a white background.

Color Contrast Check

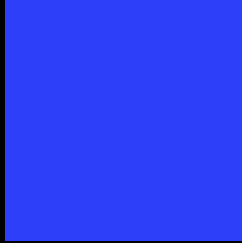
Large Text (above 18pt) WCAG AA ✓ Pass

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 79.2350, 84.1871, -29.1471 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 79.2350, 84.1871, -29.1471

Background



This preview shows how black text looks on a background with the YUV color 79.2350, 84.1871, -29.1471.



This preview shows how white text looks on a background with the YUV color 79.2350, 84.1871, -29.1471.

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

79.2350, 84.1871, -29.1471

Protanopia

73.5610, 55.9254, -64.5130

Deuteranopia

73.8910, 41.9587, -64.8024



Tritanopia

72.7730, 17.3669, -63.8219

Trichromacy



Original Color

79.2350, 84.1871, -29.1471

Protanomaly

75.9830, 66.0704, -51.7281

Deuteranomaly

75.6920, 57.3398, -51.4729

Tritanomaly

74.9790, 41.9154, -50.8476

Monochromacy



Original Color

79.2350, 84.1871, -29.1471

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.9580, 30.5867, -10.4872

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.2350, 84.1871, -29.1471 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(46, 63, 250)` looks like.

```
.text, #text, p{  
    color:rgb(46, 63, 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(46, 63, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 63, 250) }
```

Border

The CSS property to change the border of an element to YUV 79.2350, 84.1871, -29.1471 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(46, 63, 250) }
```


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

```
.border{ border-color:rgb(46, 63, 250) }
```

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

Here you see how a box with a 4 pixel rgb(46, 63, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 63, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 63, 250);  
box-shadow:4px 4px 4px 4px rgb(46, 63,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 79.2350, 84.1871, -29.1471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 63, 250) }
```

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

```
.background{ background-color: rgb(46, 63,  
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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