

Converting Colors

YUV(83.5290, 81.5772,
-32.0359)

Have a look what the booklet for
YUV(83.5290, 81.5772, -32.0359)
contains.

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Color

**YUV(83.5290, 81.5772,
-32.0359)**

Conversions

Conversions Part 1

Format	Color
Hex	2F46F9
RGB	47, 70, 249
RGB Percent	18%, 27%, 98%
CMY	0.8157, 0.7255, 0.0235
CMYK	0.81, 0.72, 0.00, 0.02
HSL	233°, 94%, 58%
HSV	233°, 81%, 98%
XYZ	20.4613, 11.8242, 90.8264
YIQ	83.5290, -71.1670, 50.7930

Conversions

Conversions Part 2

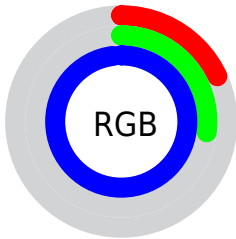
Format	Color
R_{YB}	47, 68, 249
Decimal	3098361
CIE _{Lab}	40.94, 54.25, -90.11
CIE _{LCh}	41, 105.178, 301.053
Yxy	11.8242, 0.1662, 0.0960
Android (android.graphics.Color)	4281288441 (0xFF2F46F9)
YUV	83.5290, 81.5772, -32.0359
Hunter-Lab	34.3863, 46.0389, -132.5352

Details

The YUV color **83.5290, 81.5772, -32.0359** 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 **212.4710, -81.5772, 32.0359**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.7820, 57.7885, -8.5788**, and **36.4490, 76.1936, -31.9658** is the 20% darker color. If you saturate the color by 10%, you get **63.1400, 91.6290, -36.0798**, and if you desaturate by 10%, it is **103.9180, 71.5254, -27.9921**.

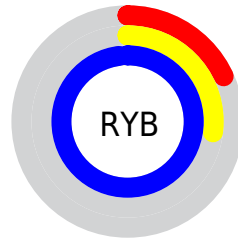
Distribution



Red (18%)

Green (27%)

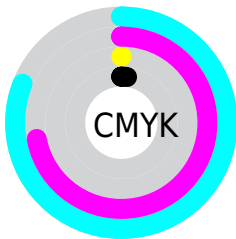
Blue (98%)



Red (18%)

Yellow (27%)

Blue (98%)

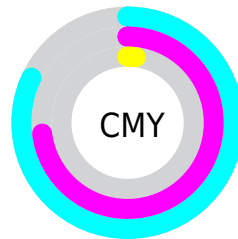


Cyan (81%)

Magenta (72%)

Yellow (0%)

Black (2%)



Cyan (82%)

Magenta (73%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.5290, 81.5772, -32.0359 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 83.5290, 81.5772, -32.0359 by changing the saturation by 10% instead.

■ 83.5290, 81.5772,
-32.0359

■ 83.5290, 81.5772,
-32.0359

255.0000, 0.0000,
0.0000

■ 52.6690, 82.4942,
-46.1907

■ 137.7820, 57.7885,
-8.5788

■ 36.4490, 76.1936,
-31.9658

■ 163.2100, 45.2525,
-1.0612

■ 21.5170, 69.7511,
-18.8704

■ 188.6270, 32.7219,
4.7121

■ 15.5040, 59.4045,
-13.5970

■ 214.0440, 20.1913,
10.4854

■ 17.1220, 45.2959,
-15.0160

■ 239.7380, 7.5242,
13.3848

■ 16.0330, 33.5077,
-14.0609

■ 10.2480, 24.0347,

-8.9875

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 83.5290, 81.5772,
-32.0359

■ 83.5290, 81.5772,
-32.0359

■ 63.1400, 91.6290,
-36.0798

■ 103.9180, 71.5254,
-27.9921

■ 44.8220, 100.6598,
-39.3089

■ 124.3070, 61.4736,
-23.9482

■ 144.6960, 51.4219,
-19.9044

■ 165.0850, 41.3701,
-15.8605

■ 185.1750, 31.4657,
-12.4315

■ 205.5640, 21.4139,
-8.3876

■ 225.9530, 11.3622,
-4.3438

■ 246.9290, 1.0210,
-0.8147

■ 254.3160, -2.6208,
0.5999

Harmonies

Analogous

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



94.2270, 79.2611, -82.6371



83.5290, 81.5772, -32.0359



78.7540, 50.9003, 101.0707

Triad

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



83.5290, 81.5772, -32.0359



82.2950, -40.5714, 86.5643



85.1340, 6.3429, -74.6625

Complementary

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



83.5290, 81.5772, -32.0359



212.4710, -81.5772, 32.0359

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.



71.6140, -35.3057, -62.8055



83.5290, 81.5772, -32.0359



90.4490, -44.5914, 22.4082

Square

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



83.5290, 81.5772, -32.0359



68.4580, -27.3408, 136.4103



67.5050, -33.2800, -59.2019



96.2260, 43.7656, -84.3902

Rectangle

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



83.5290, 81.5772, -32.0359



82.2370, 21.5752, 126.9572



67.5050, -33.2800, -59.2019



81.0130, -6.9084, -71.0484

Sweetspot

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



83.5290, 81.5772, -32.0359



205.0630, 24.6189, -9.7023



185.8660, 19.2931, -121.7855



97.5660, 15.0040, -5.7584



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.



83.5290, 81.5772, -32.0359



52.5940, 99.7862, -39.1089



93.0510, 76.8829, 27.1423



114.6560, 5.0996, -2.3293



33.8730, 76.4776, -29.7066



11.0630, 24.6189, -9.7023

Inverse Universe

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



110.0200, -19.7299, 121.8855



85.0450, -24.1792, 149.0505



202.9490, -76.8829, -27.1423



116.1150, -1.0427, 7.7921



58.9050, -18.6872, 114.0933



19.0370, -5.9342, 36.8016

Previews

White Background



This preview shows how the YUV color 83.5290, 81.5772, -32.0359 looks on a white background.

Color Contrast Check

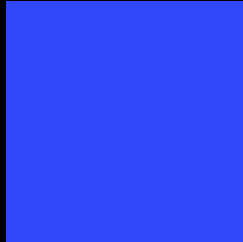
Large Text (above 18pt) WCAG AA ✓ Pass

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 83.5290, 81.5772, -32.0359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

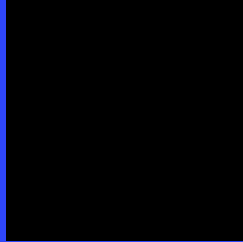
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.5290, 81.5772, -32.0359

Background



This preview shows how black text looks on a background with the YUV color 83.5290, 81.5772, -32.0359.



This preview shows how white text looks on a background with the YUV color 83.5290, 81.5772, -32.0359.

-32.0359.

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

83.5290, 81.5772, -32.0359

Protanopia

76.1200, 58.1148, -66.7572

Deuteranopia

76.3360, 43.7114, -66.9467



Tritanopia

74.9900, 18.2459, -65.7662

Trichromacy



Original Color

83.5290, 81.5772, -32.0359

Protanomaly

78.7870, 66.6600, -54.1872

Deuteranomaly

79.0830, 57.6401, -54.4468

Tritanomaly

78.1420, 41.3420, -53.6215

Monochromacy



Original Color

83.5290, 81.5772, -32.0359

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

84.0180, 29.5711, -11.4168

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.5290, 81.5772, -32.0359 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(47, 70, 249)` looks like.

```
.text, #text, p{  
    color:rgb(47, 70, 249)  
}
```

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(47, 70, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 70, 249) }
```

Border

The CSS property to change the border of an element to YUV 83.5290, 81.5772, -32.0359 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(47, 70, 249) }
```


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

```
.border{ border-color:rgb(47, 70, 249) }
```

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

Here you see how a box with a 4 pixel rgb(47, 70, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 70, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 70, 249);  
box-shadow:4px 4px 4px 4px rgb(47, 70,  
249) }
```

Background

The CSS property to change the background color of an element to YUV 83.5290, 81.5772, -32.0359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 70, 249) }
```

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

```
.background{ background-color: rgb(47, 70,  
249) }
```

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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