

Converting Colors

YUV(79.0510, 69.9809, 0.8323)

Have a look what the booklet for
YUV(79.0510, 69.9809, 0.8323)
contains.

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Color

**YUV(79.0510, 69.9809,
0.8323)**

Conversions

Conversions Part 1

Format	Color
Hex	5033DD
RGB	80, 51, 221
RGB Percent	31%, 20%, 87%
CMY	0.6863, 0.8000, 0.1333
CMYK	0.64, 0.77, 0.00, 0.13
HSL	250°, 71%, 53%
HSV	250°, 77%, 87%
XYZ	17.5432, 9.2936, 69.2758
YIQ	79.0510, -37.2860, 59.0180

Conversions

Conversions Part 2

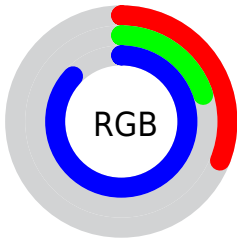
Format	Color
R_{YB}	80, 51, 221
Decimal	5256157
CIE Lab	36.54, 58.20, -81.42
CIE LCh	37, 100.087, 305.557
Yxy	9.2936, 0.1825, 0.0967
Android (android.graphics.Color)	4283446237 (0xFF5033DD)
YUV	79.0510, 69.9809, 0.8323
Hunter-Lab	30.4854, 49.3709, -113.3925

Details

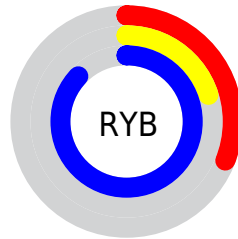
The YUV color **79.0510, 69.9809, 0.8323** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **192.9490, -69.9809, -0.8323**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.2990, 60.4916, 11.1388**, and **18.6960, 71.6349, -16.3964** is the 20% darker color. If you saturate the color by 10%, you get **60.7550, 79.0008, 1.0919**, and if you desaturate by 10%, it is **97.3470, 60.9609, 0.5727**.

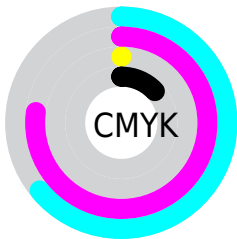
Distribution



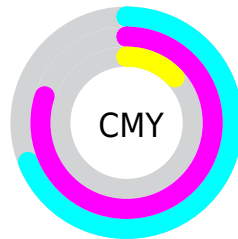
- Red (31%)
- Green (20%)
- Blue (87%)



- Red (31%)
- Yellow (20%)
- Blue (87%)



- Cyan (64%)
- Magenta (77%)
- Yellow (0%)
- Black (13%)



- Cyan (69%)
- Magenta (80%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.0510, 69.9809, 0.8323 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 79.0510, 69.9809, 0.8323 by changing the saturation by 10% instead.

■ 79.0510, 69.9809,
0.8323

■ 79.0510, 69.9809,
0.8323

■ 255.0000, 0.0000,
0.0000

■ 48.2240, 70.8816,
-8.0894

■ 132.2990, 60.4916,
11.1388

■ 18.6960, 71.6349,
-16.3964

■ 156.8300, 48.3978,
16.8121

■ 15.6180, 59.8413,
-13.6970

■ 181.9480, 36.0146,
21.9706

■ 12.6540, 48.4846,
-11.0976

■ 207.6530, 23.3421,
26.6143

■ 16.7340, 33.6551,
-14.6757

■ 229.1720, 12.7332,
22.6512

■ 10.4760, 24.9083,
-9.1875

■ 246.1950, 4.3409,

■ 6.0930, 15.7302,

7.7220

-5.3436

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,
0.0000

■ 79.0510, 69.9809,
0.8323

■ 79.0510, 69.9809,
0.8323

■ 60.7550, 79.0008,
1.0919

■ 97.3470, 60.9609,
0.5727

■ 42.1600, 88.1681,
0.7367

■ 115.9420, 51.7936,
0.9279

■ 36.5560, 90.9309,
1.2664

■ 134.2380, 42.7737,
0.6683

■ 152.5340, 33.7537,
0.4087

■ 171.1290, 24.5864,
0.7639

■ 190.0120, 15.2771,
-0.0105

■ 208.3080, 6.2572,
-0.2701

■ 226.9030, -2.9102,
0.0851

■ 245.1990,
-11.9301, -0.1745

Harmonies

Analogous

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



85.0800, 82.2916, -74.6152



79.0510, 69.9809, 0.8323



73.2840, 40.2860, 98.8519

Triad

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



79.0510, 69.9809, 0.8323



76.5810, -37.7544, 69.6505



77.7310, 10.9786, -68.1701

Complementary

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



79.0510, 69.9809, 0.8323



192.9490, -69.9809, -0.8323

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.



64.5700, -31.8330, -56.6279



79.0510, 69.9809, 0.8323



79.7510, -39.3172, 10.7424

Square

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



79.0510, 69.9809, 0.8323



59.8000, -29.4814, 122.9554



61.0480, -30.0967, -53.5391



88.0250, 45.3437, -77.1979

Rectangle

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



79.0510, 69.9809, 0.8323



74.7170, 13.4505, 119.5202



61.0480, -30.0967, -53.5391



73.8380, -1.3991, -64.7559

Sweetspot

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



79.0510, 69.9809, 0.8323



205.7160, 24.2970, 0.2491



153.7340, 33.1621, -90.0977



97.8980, 14.8403, 0.0895



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.



79.0510, 69.9809, 0.8323



58.7500, 96.7512, 1.0962



104.1670, 57.5987, 52.4735



100.8520, 4.5100, 0.1298



28.6920, 71.1438, 1.1471



7.6360, 18.9135, 0.3192

Inverse Universe

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



117.9040, 36.5293, 90.4152



112.4950, 50.5350, 124.9769



167.8330, -57.5987, -52.4735



103.3150, 2.3097, 5.8627



68.1430, 37.3975, 91.9596



18.0860, 9.8176, 24.4806

Previews

White Background



This preview shows how the YUV color 79.0510, 69.9809, 0.8323 looks on a white background.

Color Contrast Check

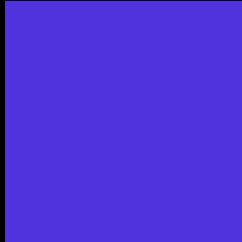
Large Text (above 18pt) WCAG AA ✓ Pass

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 79.0510, 69.9809, 0.8323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

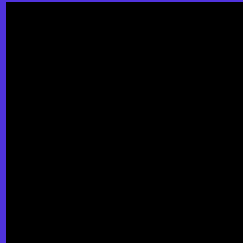
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.0510, 69.9809, 0.8323

Background



This preview shows how black text looks on a background with the YUV color 79.0510, 69.9809, 0.8323.



This preview shows how white text looks on a background with the YUV color 79.0510, 69.9809,

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

79.0510, 69.9809, 0.8323

Protanopia

68.5570, 51.9834, -60.1245

Deuteranopia

68.5280, 39.1797, -60.0991



Tritanopia

67.3930, 17.0613, -59.1037

Trichromacy



Original Color

79.0510, 69.9809, 0.8323

Protanomaly

72.1220, 58.6069, -37.8180

Deuteranomaly

72.6460, 50.4605, -38.2775

Tritanomaly

71.5740, 36.1990, -37.3374

Monochromacy



Original Color

79.0510, 69.9809, 0.8323

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

79.0580, 25.6074, -0.0509

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.0510, 69.9809, 0.8323 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(80, 51, 221)` looks like.

```
.text, #text, p{  
    color:rgb(80, 51, 221)  
}
```

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(80, 51, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 51, 221) }
```

Border

The CSS property to change the border of an element to YUV 79.0510, 69.9809, 0.8323 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(80, 51, 221) }
```


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

```
.border{ border-color:rgb(80, 51, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 51, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 51, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 51, 221);  
box-shadow:4px 4px 4px 4px rgb(80, 51,  
221) }
```

Background

The CSS property to change the background color of an element to YUV 79.0510, 69.9809, 0.8323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 51, 221) }
```

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

```
.background{ background-color: rgb(80, 51,  
221) }
```

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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