

Converting Colors

YUV(81.8030, 25.7331, 6.3118)

Have a look what the booklet for
YUV(81.8030, 25.7331, 6.3118)
contains.

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Color

**YUV(81.8030, 25.7331,
6.3118)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 594486 |
| RGB | 89, 68, 134 |
| RGB Percent | 35%, 27%, 53% |
| CMY | 0.6510, 0.7333, 0.4745 |
| CMYK | 0.34, 0.49, 0.00, 0.47 |
| HSL | 259°, 33%, 40% |
| HSV | 259°, 49%, 53% |
| XYZ | 10.4900, 7.9793, 23.5415 |
| YIQ | 81.8030, -8.6700, 24.9780 |

Conversions

Conversions Part 2

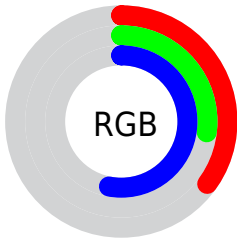
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 89, 68, 134 |
| Decimal | 5850246 |
| CIE _{Lab} | 33.94, 24.58, -33.94 |
| CIE _{LCh} | 34, 41.902, 305.915 |
| Yxy | 7.9793, 0.2497, 0.1899 |
| Android (android.graphics.Color) | 4284040326 (0xFF594486) |
| YUV | 81.8030, 25.7331, 6.3118 |
| Hunter-Lab | 28.2477, 16.8540, -29.6387 |

Details

The YUV color **81.8030, 25.7331, 6.3118** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **120.1970, -25.7331, -6.3118**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.2700, 27.4749, 7.6562**, and **35.3250, 23.9968, 3.2230** is the 20% darker color. If you saturate the color by 10%, you get **71.4810, 30.8219, 7.4712**, and if you desaturate by 10%, it is **92.1250, 20.6444, 5.1524**.

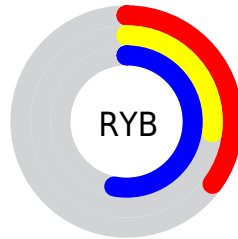
Distribution



Red (35%)

Green (27%)

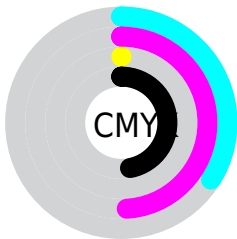
Blue (53%)



Red (35%)

Yellow (27%)

Blue (53%)

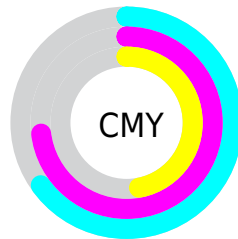


Cyan (34%)

Magenta (49%)

Yellow (0%)

Black (47%)



Cyan (65%)

Magenta (73%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 81.8030, 25.7331, 6.3118 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 81.8030, 25.7331, 6.3118 by changing the saturation by 10% instead.

81.8030, 25.7331,
6.3118

81.8030, 25.7331,
6.3118

255.0000, 0.0000,
0.0000

57.8630, 24.7175,
5.3821

132.2700, 27.4749,
7.6562

35.3250, 23.9968,
3.2230

158.2100, 28.4905,
8.5858

11.3250, 23.9968,
3.2230

185.6230, 28.7799,
9.1006

5.5060, 16.0195,
-4.8288

211.0980, 21.6437,
11.3151

2.2970, 6.2626,
-2.0145

236.2050, 9.2659,
14.7292

0.0000, 0.0000,
0.0000

253.8260, 0.5788,

1.0296

■ 81.8030, 25.7331,
6.3118

■ 81.8030, 25.7331,
6.3118

■ 71.4810, 30.8219,
7.4712

■ 92.1250, 20.6444,
5.1524

■ 60.5720, 36.2000,
9.1454

■ 103.0340, 15.2662,
3.4782

■ 50.2500, 41.2888,
10.3048

■ 113.3560, 10.1775,
2.3188

■ 39.0420, 46.8143,
11.3642

■ 124.5640, 4.6519,
1.2594

■ 28.7200, 51.9030,
12.5236

■ 134.8860, -0.4368,
0.1000

■ 28.1330, 52.1924,
13.0384

■ 145.2080, -5.5255,
-1.0594

■ 156.1170,
-10.9037, -2.7336

■ 166.4390,
-15.9924, -3.8930

■ 177.3480,
-21.3706, -5.5672

Harmonies

Analogous

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



64.7780, 40.0424, -56.8103



81.8030, 25.7331, 6.3118



80.7980, 13.4106, 38.7652

Triad

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



81.8030, 25.7331, 6.3118



76.6090, -30.3732, 35.4229



65.5690, 10.0725, -57.5040

Complementary

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



81.8030, 25.7331, 6.3118



120.1970, -25.7331, -6.3118

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.



60.4050, -4.6367, -52.9752



81.8030, 25.7331, 6.3118



73.9840, -35.9811, 14.0460

Square

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



81.8030, 25.7331, 6.3118



76.9650, -16.7447, 50.8967



70.9680, -25.1272, -14.0039



69.2170, 24.0500, -60.7033

Rectangle

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



81.8030, 25.7331, 6.3118



78.0570, 3.9159, 50.8160



70.9680, -25.1272, -14.0039



64.2010, 4.8309, -56.3043

Sweetspot

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



81.8030, 25.7331, 6.3118



152.6550, 10.0301, 2.9336



101.9390, 15.8061, -29.7645



74.3190, 6.2517, 1.4742



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



81.8030, 25.7331, 6.3118



92.4950, 39.6890, 10.0899



91.6700, 20.8687, 26.5994



61.2820, 2.3260, 0.6297



27.0790, 50.7401, 12.2087



0.6410, 1.1630, 0.3148

Inverse Universe

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



92.8640, 9.9270, 36.0763



109.4780, 15.5403, 55.7088



110.3300, -20.8687, -26.5994



62.2500, 0.8628, 3.2888



49.0160, 19.7121, 71.0230



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 81.8030, 25.7331, 6.3118 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 81.8030, 25.7331, 6.3118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

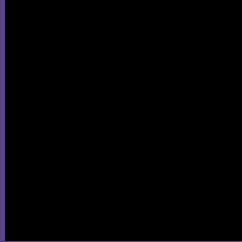
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.8030, 25.7331, 6.3118

Background



This preview shows how black text looks on a background with the YUV color 81.8030, 25.7331, 6.3118.



This preview shows how white text looks on a background with the YUV color 81.8030, 25.7331,

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

81.8030, 25.7331, 6.3118

Protanopia

76.7390, 32.6667, -24.3271

Deuteranopia

75.9470, 27.1411, -25.3865



Tritanopia

80.3850, 2.7682, -1.2146

Trichromacy



Original Color

81.8030, 25.7331, 6.3118

Protanomaly

78.5340, 30.3027, -12.7463

Deuteranomaly

78.1980, 26.5244, -14.2056

Tritanomaly

81.1710, 10.7617, 1.6040

Monochromacy



Original Color

81.8030, 25.7331, 6.3118

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.1280, 9.3039, 2.5187

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.8030, 25.7331, 6.3118 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(89, 68, 134)` looks like.

```
.text, #text, p{  
    color:rgb(89, 68, 134)  
}
```

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(89, 68, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 68, 134) }
```

Border

The CSS property to change the border of an element to YUV 81.8030, 25.7331, 6.3118 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(89, 68, 134) }
```


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

```
.border{ border-color:rgb(89, 68, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 68, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 68, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 68, 134);  
box-shadow:4px 4px 4px 4px rgb(89, 68,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 81.8030, 25.7331, 6.3118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 68, 134) }
```

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

```
.background{ background-color: rgb(89, 68,  
134) }
```

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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