

Converting Colors

YUV(82.2400, 53.1257, -6.3495)

Have a look what the booklet for
YUV(82.2400, 53.1257, -6.3495)
contains.

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Color

**YUV(82.2400, 53.1257,
-6.3495)**

Conversions

Conversions Part 1

Format	Color
Hex	4B41BE
RGB	75, 65, 190
RGB Percent	29%, 25%, 75%
CMY	0.7059, 0.7451, 0.2549
CMYK	0.61, 0.66, 0.00, 0.25
HSL	245°, 49%, 50%
HSV	245°, 66%, 75%
XYZ	14.0862, 8.9942, 49.7088
YIQ	82.2400, -34.1650, 40.9950

Conversions

Conversions Part 2

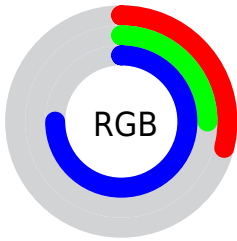
Format	Color
R_{YB}	75, 65, 190
Decimal	4932030
CIE _{Lab}	35.97, 40.58, -64.39
CIE _{LCh}	36, 76.110, 302.218
Yxy	8.9942, 0.1935, 0.1236
Android (android.graphics.Color)	4283122110 (0xFF4B41BE)
YUV	82.2400, 53.1257, -6.3495
Hunter-Lab	29.9903, 31.3572, -77.2799

Details

The YUV color **82.2400, 53.1257, -6.3495** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **172.7600, -53.1257, 6.3495**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.4410, 54.9986, -0.3868**, and **27.1300, 53.1799, -23.7930** is the 20% darker color. If you saturate the color by 10%, you get **66.0040, 61.1300, -7.0195**, and if you desaturate by 10%, it is **98.4760, 45.1213, -5.6795**.

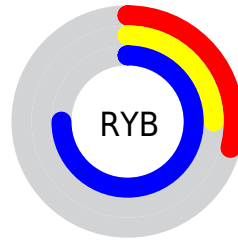
Distribution



Red (29%)

Green (25%)

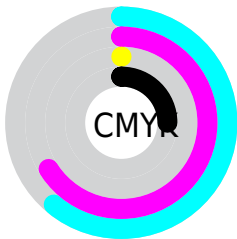
Blue (75%)



Red (29%)

Yellow (25%)

Blue (75%)

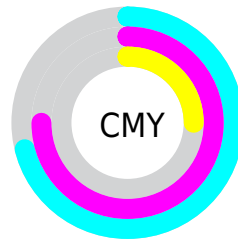


Cyan (61%)

Magenta (66%)

Yellow (0%)

Black (25%)



Cyan (71%)

Magenta (75%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.2400, 53.1257, -6.3495 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 82.2400, 53.1257, -6.3495 by changing the saturation by 10% instead.

■ 82.2400, 53.1257,
-6.3495

■ 82.2400, 53.1257,
-6.3495

■ 255.0000, 0.0000,
0.0000

■ 55.0820, 52.7106,
-13.2269

■ 135.4410, 54.9986,
-0.3868

■ 27.1300, 53.1799,
-23.7930

■ 160.2860, 46.6940,
3.2572

■ 13.0130, 47.3216,
-11.4124

■ 184.5180, 34.7476,
8.3157

■ 9.5760, 36.6910,
-8.3982

■ 209.9240, 22.2225,
12.3447

■ 10.3620, 24.4715,
-9.0875

■ 235.3300, 9.6973,
16.3736

■ 5.3920, 15.5827,
-4.7288

■ 252.0650, 1.4470,

■ 2.1830, 5.8258,

2.5740

-1.9145

■ 0.0000, 0.0000,
0.0000

■ 82.2400, 53.1257,
-6.3495

■ 82.2400, 53.1257,
-6.3495

■ 66.0040, 61.1300,
-7.0195

■ 98.4760, 45.1213,
-5.6795

■ 49.4690, 69.2818,
-8.3043

■ 115.0110, 36.9696,
-4.3946

■ 33.2330, 77.2861,
-8.9743

■ 131.2470, 28.9652,
-3.7246

■ 26.1450, 80.7805,
-9.7742

■ 147.7820, 20.8135,
-2.4398

■ 164.0180, 12.8091,
-1.7698

■ 180.5530, 4.6574,
-0.4850

■ 196.7890, -3.3470,
0.1850

■ 213.3240,
-11.4987, 1.4699

■ 229.5600,
-19.5031, 2.1399

Harmonies

Analogous

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



78.4170, 64.3774, -68.7717



82.2400, 53.1257, -6.3495



63.2450, 39.3192, 82.2231

Triad

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



82.2400, 53.1257, -6.3495



76.8250, -37.8747, 61.5435



73.4280, 7.1840, -64.3964

Complementary

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



82.2400, 53.1257, -6.3495



172.7600, -53.1257, 6.3495

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.



63.6870, -22.5237, -55.8535



82.2400, 53.1257, -6.3495



79.2080, -39.0495, 18.2346

Square

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



82.2400, 53.1257, -6.3495



55.8440, -16.1921, 107.1308



66.7950, -32.9299, -31.3922



80.3820, 33.8287, -70.4950

Rectangle

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



82.2400, 53.1257, -6.3495



65.5620, 18.4569, 100.3621



66.7950, -32.9299, -31.3922



70.3330, -2.1362, -61.6820

Sweetspot

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



82.2400, 53.1257, -6.3495



204.7820, 20.8135, -2.4398



147.9290, 20.7410, -72.7287



99.0180, 12.8091, -1.7698



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



82.2400, 53.1257, -6.3495



79.0140, 82.8171, -9.6593



100.4790, 44.1339, 31.1519



86.3250, 3.7838, -0.2850



21.8990, 67.0978, -7.8044



4.1320, 13.2459, -1.8698

Inverse Universe

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



115.4850, 31.8059, 65.3497



130.8250, 49.8793, 101.8855



154.5210, -44.1339, -31.1519



88.7170, 2.6045, 4.6332



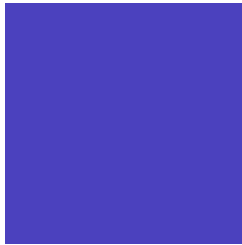
63.7720, 40.0454, 82.6380



12.4610, 7.6607, 16.2587

Previews

White Background



This preview shows how the YUV color 82.2400, 53.1257, -6.3495 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 82.2400, 53.1257, -6.3495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

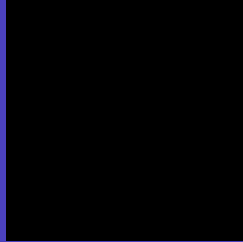
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.2400, 53.1257, -6.3495

Background



This preview shows how black text looks on a background with the YUV color 82.2400, 53.1257, -6.3495.



This preview shows how white text looks on a background with the YUV color 82.2400, 53.1257,

-6.3495.

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

82.2400, 53.1257, -6.3495

Protanopia

67.1550, 51.6886, -58.8949

Deuteranopia

67.9410, 39.4691, -59.5843



Tritanopia

75.2600, 12.1968, -38.8160

Trichromacy



Original Color

82.2400, 53.1257, -6.3495

Protanomaly

72.5040, 52.5025, -39.9070

Deuteranomaly

73.0280, 44.3562, -40.3666

Tritanomaly

77.9360, 27.1466, -27.1309

Monochromacy



Original Color

82.2400, 53.1257, -6.3495

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.0270, 19.2137, -2.6547

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.2400, 53.1257, -6.3495 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(75, 65, 190)` looks like.

```
.text, #text, p{  
    color:rgb(75, 65, 190)  
}
```

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(75, 65, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 65, 190) }
```

Border

The CSS property to change the border of an element to YUV 82.2400, 53.1257, -6.3495 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(75, 65, 190) }
```


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

```
.border{ border-color:rgb(75, 65, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 65, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 65, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 65, 190);  
box-shadow:4px 4px 4px 4px rgb(75, 65,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 82.2400, 53.1257, -6.3495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 65, 190) }
```

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

```
.background{ background-color: rgb(75, 65,  
190) }
```

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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