

Converting Colors

YUV(85.2300, 51.6516, -0.2017)

Have a look what the booklet for
YUV(85.2300, 51.6516, -0.2017)
contains.

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Color

**YUV(85.2300, 51.6516,
-0.2017)**

Conversions

Conversions Part 1

Format	Color
Hex	5541BE
RGB	85, 65, 190
RGB Percent	33%, 25%, 75%
CMY	0.6667, 0.7451, 0.2549
CMYK	0.55, 0.66, 0.00, 0.25
HSL	250°, 49%, 50%
HSV	250°, 66%, 75%
XYZ	14.9309, 9.4296, 49.7483
YIQ	85.2300, -28.2050, 43.1150

Conversions

Conversions Part 2

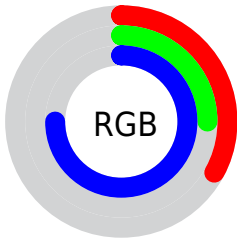
Format	Color
R_{YB}	85, 65, 190
Decimal	5587390
CIE _{Lab}	36.80, 42.21, -63.01
CIE _{LCh}	37, 75.838, 303.816
Yxy	9.4296, 0.2015, 0.1272
Android (android.graphics.Color)	4283777470 (0xFF5541BE)
YUV	85.2300, 51.6516, -0.2017
Hunter-Lab	30.7076, 33.0531, -74.5582

Details

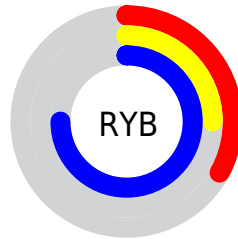
The YUV color **85.2300, 51.6516, -0.2017** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **169.7700, -51.6516, 0.2017**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.1320, 53.6719, 5.1462**, and **28.3370, 52.5849, -19.5895** is the 20% darker color. If you saturate the color by 10%, you get **69.2930, 59.5086, -0.2570**, and if you desaturate by 10%, it is **101.1670, 43.7947, -0.1465**.

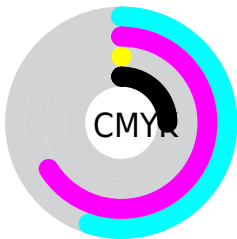
Distribution



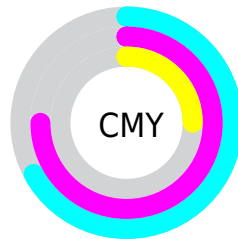
- Red (33%)
- Green (25%)
- Blue (75%)



- Red (33%)
- Yellow (25%)
- Blue (75%)



- Cyan (55%)
- Magenta (66%)
- Yellow (0%)
- Black (25%)



- Cyan (67%)
- Magenta (75%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.2300, 51.6516, -0.2017 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 85.2300, 51.6516, -0.2017 by changing the saturation by 10% instead.

■ 85.2300, 51.6516,
-0.2017

■ 85.2300, 51.6516,
-0.2017

■ 255.0000, 0.0000,
0.0000

■ 58.9690, 50.7943,
-5.2348

■ 138.1320, 53.6719,
5.1462

■ 28.3370, 52.5849,
-19.5895

■ 162.9770, 45.3673,
8.7902

■ 12.4260, 47.6110,
-10.8976

■ 187.4970, 33.2790,
12.7191

■ 9.5760, 36.6910,
-8.3982

■ 212.3160, 21.0432,
17.2629

■ 10.3620, 24.4715,
-9.0875

■ 236.2160, 9.2605,
16.4736

■ 5.3920, 15.5827,
-4.7288

■ 252.6520, 1.1576,

■ 2.1830, 5.8258,

2.0592

-1.9145

■ 0.0000, 0.0000,
0.0000

■ 85.2300, 51.6516,
-0.2017

■ 85.2300, 51.6516,
-0.2017

■ 69.2930, 59.5086,
-0.2570

■ 101.1670, 43.7947,
-0.1465

■ 53.3560, 67.3655,
-0.3122

■ 117.1040, 35.9377,
-0.0912

■ 37.4190, 75.2224,
-0.3675

■ 133.0410, 28.0808,
-0.0360

■ 30.6300, 78.5694,
-0.5525

■ 148.9780, 20.2238,
0.0193

■ 164.9150, 12.3669,
0.0745

■ 180.8520, 4.5100,
0.1298

■ 196.7890, -3.3470,
0.1850

■ 212.7260,
-11.2039, 0.2403

■ 228.6630,
-19.0609, 0.2955

Harmonies

Analogous

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



78.6450, 65.2510, -68.9717



85.2300, 51.6516, -0.2017



64.6260, 38.1454, 85.3970

Triad

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



85.2300, 51.6516, -0.2017



79.1730, -39.0323, 59.4843



75.1720, 8.7892, -65.9258

Complementary

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



85.2300, 51.6516, -0.2017



169.7700, -51.6516, 0.2017

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.



65.6590, -20.0449, -57.5829



85.2300, 51.6516, -0.2017



80.9690, -39.9177, 16.6902

Square

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



85.2300, 51.6516, -0.2017



56.0290, -16.7763, 107.8456



67.6590, -33.3559, -34.7809



82.1260, 35.4339, -72.0245

Rectangle

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



85.2300, 51.6516, -0.2017



66.3450, 17.5779, 102.3064



67.6590, -33.3559, -34.7809



72.1910, -0.0942, -63.3115

Sweetspot

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



85.2300, 51.6516, -0.2017



205.9780, 20.2238, 0.0193



141.4720, 23.9243, -67.0659



99.9150, 12.3669, 0.0745



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.



85.2300, 51.6516, -0.2017



83.4990, 80.6060, -0.4376



103.4690, 42.6598, 37.2997



86.3250, 3.7838, -0.2850



25.4870, 65.3289, -0.4271



5.0290, 12.8037, -0.0254

Inverse Universe

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



114.3450, 27.4379, 66.3494



129.0010, 42.8905, 103.4851



151.5310, -42.6598, -37.2997



88.6030, 2.1677, 4.7332



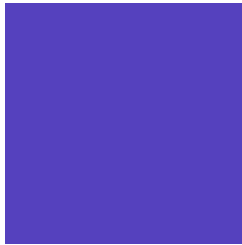
62.4040, 34.8038, 83.8377



12.2330, 6.7871, 16.4587

Previews

White Background



This preview shows how the YUV color 85.2300, 51.6516, -0.2017 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 85.2300, 51.6516, -0.2017 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

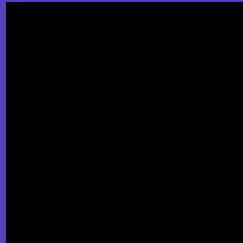
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.2300, 51.6516, -0.2017

Background



This preview shows how black text looks on a background with the YUV color 85.2300, 51.6516, -0.2017.



This preview shows how white text looks on a background with the YUV color 85.2300, 51.6516,

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

85.2300, 51.6516, -0.2017

Protanopia

68.7850, 52.8570, -60.3244

Deuteranopia

69.5710, 40.6375, -61.0138



Tritanopia

81.8380, 8.9539, -25.2909

Trichromacy



Original Color

85.2300, 51.6516, -0.2017

Protanomaly

74.5150, 52.4971, -38.1627

Deuteranomaly

75.1530, 44.7876, -38.7222

Tritanomaly

83.3180, 24.4932, -16.0649

Monochromacy



Original Color

85.2300, 51.6516, -0.2017

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.2230, 18.6241, -0.1956

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.2300, 51.6516, -0.2017 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(85, 65, 190)` looks like.

```
.text, #text, p{  
    color:rgb(85, 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(85, 65, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 65, 190) }
```

Border

The CSS property to change the border of an element to YUV 85.2300, 51.6516, -0.2017 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(85, 65, 190) }
```


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

```
.border{ border-color:rgb(85, 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(85, 65, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 65, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 65, 190);  
box-shadow:4px 4px 4px 4px rgb(85, 65,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 85.2300, 51.6516, -0.2017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 65, 190) }
```

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

```
.background{ background-color: rgb(85, 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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