

Converting Colors

YUV(85.3180, 51.6082, 13.7531)

Have a look what the booklet for
YUV(85.3180, 51.6082, 13.7531)
contains.

YUV(85.3180, 51.6082, 13.7531)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(85.3180, 51.6082,
13.7531)**

Conversions

Conversions Part 1

Format	Color
Hex	6539BE
RGB	101, 57, 190
RGB Percent	40%, 22%, 75%
CMY	0.6039, 0.7765, 0.2549
CMYK	0.47, 0.70, 0.00, 0.25
HSL	260°, 54%, 48%
HSV	260°, 70%, 75%
XYZ	16.1242, 9.4107, 49.6818
YIQ	85.3180, -16.4690, 50.6910

Conversions

Conversions Part 2

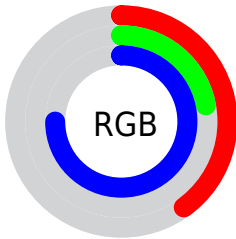
Format	Color
R_{YB}	101, 57, 190
Decimal	6633918
CIE _{Lab}	36.76, 49.36, -63.00
CIE _{LCh}	37, 80.036, 308.079
Yxy	9.4107, 0.2144, 0.1251
Android (android.graphics.Color)	4284823998 (0xFF6539BE)
YUV	85.3180, 51.6082, 13.7531
Hunter-Lab	30.6768, 40.1381, -74.5478

Details

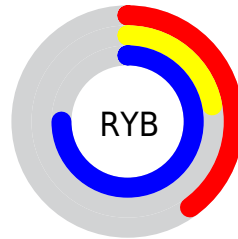
The YUV color **85.3180, 51.6082, 13.7531** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **161.6820, -51.6082, -13.7531**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.5080, 53.4866, 17.9715**, and **28.8120, 52.3507, 8.9349** is the 20% darker color. If you saturate the color by 10%, you get **70.2780, 59.0229, 15.5422**, and if you desaturate by 10%, it is **100.3580, 44.1935, 11.9640**.

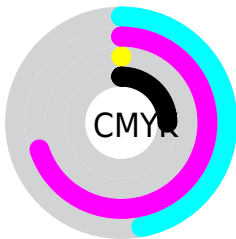
Distribution



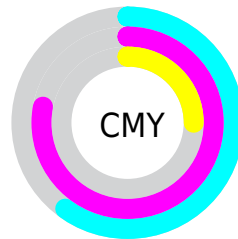
- Red (40%)
- Green (22%)
- Blue (75%)



- Red (40%)
- Yellow (22%)
- Blue (75%)



- Cyan (47%)
- Magenta (70%)
- Yellow (0%)
- Black (25%)



- Cyan (60%)
- Magenta (78%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.3180, 51.6082, 13.7531 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 85.3180, 51.6082, 13.7531 by changing the saturation by 10% instead.

■ 85.3180, 51.6082,
13.7531

■ 85.3180, 51.6082,
13.7531

■ 255.0000, 0.0000,
0.0000

■ 58.7800, 50.8875,
11.5939

■ 138.5080, 53.4866,
17.9715

■ 28.8120, 52.3507,
8.9349

■ 163.9400, 44.8926,
21.1006

■ 12.4260, 47.6110,
-10.8976

■ 188.4600, 32.8042,
25.0296

■ 9.5760, 36.6910,
-8.3982

■ 213.2790, 20.5685,
29.5733

■ 10.3620, 24.4715,
-9.0875

■ 232.1070, 11.2862,
20.0772

■ 5.3920, 15.5827,
-4.7288

■ 249.1300, 2.8939,

■ 2.1830, 5.8258,

5.1480

-1.9145

■ 0.0000, 0.0000,
0.0000

■ 85.3180, 51.6082,
13.7531

■ 85.3180, 51.6082,
13.7531

■ 70.2780, 59.0229,
15.5422

■ 100.3580, 44.1935,
11.9640

■ 55.5370, 66.2903,
17.9461

■ 115.0990, 36.9262,
9.5602

■ 40.4970, 73.7050,
19.7351

■ 130.1390, 29.5115,
7.7711

■ 145.1790, 22.0968,
5.9820

■ 160.2190, 14.6820,
4.1929

■ 174.9600, 7.4147,
1.7891

■ 190.0000, 0.0000,
0.0000

■ 205.0400, -7.4147,
-1.7891

■ 219.7810,
-14.6820, -4.1929

Harmonies

Analogous

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



78.1550, 68.4506, -68.5419



85.3180, 51.6082, 13.7531



66.9320, 34.0505, 92.1446

Triad

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



85.3180, 51.6082, 13.7531



80.3250, -39.6002, 54.9660



76.8990, 12.8678, -67.4404

Complementary

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



85.3180, 51.6082, 13.7531



161.6820, -51.6082, -13.7531

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.



67.1580, -16.8399, -58.8976



85.3180, 51.6082, 13.7531



80.0390, -39.4592, 9.6128

Square

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



85.3180, 51.6082, 13.7531



54.3900, -24.3493, 110.1600



60.4610, -29.8073, -53.0243



84.0810, 40.3861, -73.7390

Rectangle

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



85.3180, 51.6082, 13.7531



67.5260, 13.0517, 107.4097



60.4610, -29.8073, -53.0243



73.6900, 3.1108, -64.6261

Sweetspot

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



85.3180, 51.6082, 13.7531



206.3100, 20.0602, 5.8671



125.5790, 31.7596, -60.1438



100.5240, 12.0667, 3.0485



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.



85.3180, 51.6082, 13.7531



83.9300, 80.3935, 21.1094



104.7530, 42.0268, 53.7136



86.9230, 3.4890, 0.9445



33.5600, 61.3489, 16.1719



6.5240, 12.0667, 3.0485

Inverse Universe

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



106.9130, 19.2699, 72.8673



117.7390, 30.2017, 113.3619



142.2470, -42.0268, -53.7136



88.3750, 1.2941, 4.9331



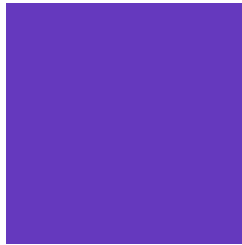
59.3260, 23.0103, 86.5371



11.5490, 4.1663, 17.0585

Previews

White Background



This preview shows how the YUV color 85.3180, 51.6082, 13.7531 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 85.3180, 51.6082, 13.7531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

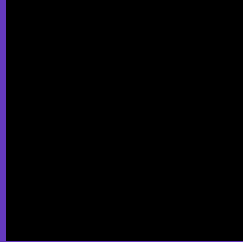
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.3180, 51.6082, 13.7531

Background



This preview shows how black text looks on a background with the YUV color 85.3180, 51.6082, 13.7531.



This preview shows how white text looks on a background with the YUV color 85.3180, 51.6082,

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

85.3180, 51.6082, 13.7531

Protanopia

69.3720, 52.5676, -60.8392

Deuteranopia

69.5710, 40.6375, -61.0138



Tritanopia

85.2100, 4.8265, -8.0772

Trichromacy



Original Color

85.3180, 51.6082, 13.7531

Protanomaly

75.1350, 52.1914, -33.4444

Deuteranomaly

75.1860, 44.7713, -33.4891

Tritanomaly

85.4340, 21.9710, -0.3806

Monochromacy



Original Color

85.3180, 51.6082, 13.7531

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.2560, 18.6078, 5.0375

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.3180, 51.6082, 13.7531 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(101, 57, 190)` looks like.

```
.text, #text, p{  
    color:rgb(101, 57, 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(101, 57, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 57, 190) }
```

Border

The CSS property to change the border of an element to YUV 85.3180, 51.6082, 13.7531 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(101, 57, 190) }
```


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

```
.border{ border-color:rgb(101, 57, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 57, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 57, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 57, 190);  
box-shadow:4px 4px 4px 4px rgb(101, 57,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 85.3180, 51.6082, 13.7531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 57, 190) }
```

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

```
.background{ background-color: rgb(101, 57,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor