

Converting Colors

YUV(82.9180, -15.7356, 7.0879)

Have a look what the booklet for
YUV(82.9180, -15.7356, 7.0879)
contains.

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Color

**YUV(82.9180, -15.7356,
7.0879)**

Conversions

Conversions Part 1

Format	Color
Hex	5B5533
RGB	91, 85, 51
RGB Percent	36%, 33%, 20%
CMY	0.6431, 0.6667, 0.8000
CMYK	0.00, 0.07, 0.44, 0.64
HSL	51°, 28%, 28%
HSV	51°, 44%, 36%
XYZ	8.1604, 8.9602, 4.4314
YIQ	82.9180, 14.4900, -9.3020

Conversions

Conversions Part 2

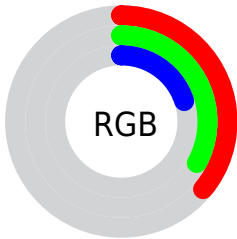
Format	Color
R_{YB}	58, 91, 51
Decimal	5985587
CIE Lab	35.91, -3.16, 20.70
CIE LCh	36, 20.941, 98.683
Yxy	8.9602, 0.3786, 0.4157
Android (android.graphics.Color)	4284175667 (0xFF5B5533)
YUV	82.9180, -15.7356, 7.0879
Hunter-Lab	29.9335, -3.7213, 12.1762




Details

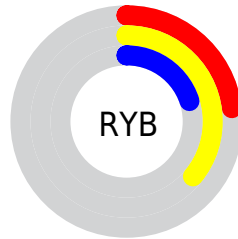
The YUV color **82.9180, -15.7356, 7.0879** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **59.0820, 15.7356, -7.0879**, and the grayscale version is **83.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **132.2880, -16.9040, 8.5174**, and **37.3200, -15.4408, 5.8584** is the 20% darker color. If you saturate the color by 10%, you get **81.3050, -19.3774, 8.5025**, and if you desaturate by 10%, it is **84.5310, -12.0938, 5.6733**.

Distribution







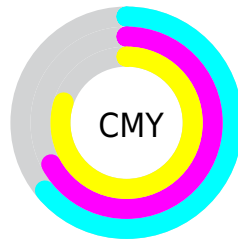
-  Red (36%)
-  Green (33%)
-  Blue (20%)






-  Red (23%)
-  Yellow (36%)
-  Blue (20%)



-  Cyan (0%)
-  Magenta (7%)
-  Yellow (44%)
-  Black (64%)



-  Cyan (64%)
-  Magenta (67%)
-  Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.9180, -15.7356, 7.0879 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 82.9180, -15.7356, 7.0879 by changing the saturation by 10% instead.

■ 82.9180, -15.7356,
7.0879

■ 82.9180, -15.7356,
7.0879

■ 255.0000, 0.0000,
0.0000

■ 59.7330, -15.1514,
6.3732

■ 132.2880,
-16.9040, 8.5174

■ 37.3200, -15.4408,
5.8584

■ 159.0600,
-17.7776, 8.7174

■ 18.0190, -8.8834,
2.6143

■ 185.9460,
-18.2144, 8.8174

■ 0.0000, 0.0000,
0.0000

■ 213.2450,
-18.3618, 9.4321

■ 242.0170,
-19.2354, 9.6321

■ 252.2640,

-10.4832, 2.3995

■ 82.9180, -15.7356,
7.0879

■ 82.9180, -15.7356,
7.0879

■ 81.3050, -19.3774,
8.5025

■ 84.5310, -12.0938,
5.6733

■ 79.1050, -22.7298,
10.4319

■ 86.7310, -8.7414,
3.7439

■ 77.4920, -26.3716,
11.8465

■ 88.3440, -5.0996,
2.3293

■ 75.8790, -30.0133,
13.2611

■ 89.9570, -1.4578,
0.9147

■ 73.6790, -33.3657,
15.1905

■ 92.2710, 2.3314,
-1.1147

■ 72.4080, -35.6971,
16.3052

■ 93.8840, 5.9732,
-2.5293

■ 96.0840, 9.3256,
-4.4587

■ 97.6970, 12.9674,
-5.8733

■ 99.3100, 16.6092,
-7.2879

Harmonies

Analogous

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



84.2230, -14.8999, 19.0984



82.9180, -15.7356, 7.0879



81.2690, -11.4716, -7.2519

Triad

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



82.9180, -15.7356, 7.0879



73.4380, 15.5601, -44.2341



86.7990, 5.0291, 20.3473

Complementary

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



82.9180, -15.7356, 7.0879



59.0820, 15.7356, -7.0879

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.



86.2470, 12.2032, 5.9224



82.9180, -15.7356, 7.0879



77.9110, 18.2849, -31.4939

Square

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



82.9180, -15.7356, 7.0879



74.8920, 6.9552, -37.6163



83.2770, 16.6254, -12.5209



86.3670, -3.1389, 26.8651

Rectangle

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



82.9180, -15.7356, 7.0879



79.2830, -6.0555, -17.7882



83.2770, 16.6254, -12.5209



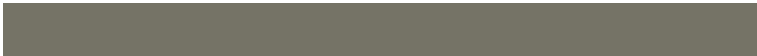
87.0480, 7.3713, 15.7439

Sweetspot

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



82.9180, -15.7356, 7.0879



114.1160, -5.9732, 2.5293



63.6440, -3.2755, 23.9912



56.6860, -3.7892, 2.0294



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



82.9180, -15.7356, 7.0879



104.6490, -24.4770, 10.8318



82.2540, -15.4082, -4.6078



44.8430, -1.8946, 1.0147



87.4810, -43.1281, 19.7492



189.4370, -93.3924, 41.7128

Inverse Universe

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



59.0820, 15.7356, -7.0879



67.3510, 24.4770, -10.8318



59.7460, 15.4082, 4.6078



42.1570, 1.8946, -1.0147



21.9320, 43.4175, -19.2344



48.1500, 93.1030, -42.2276

Previews

White Background



This preview shows how the YUV color 82.9180, -15.7356, 7.0879 looks on a white background.

Color Contrast Check

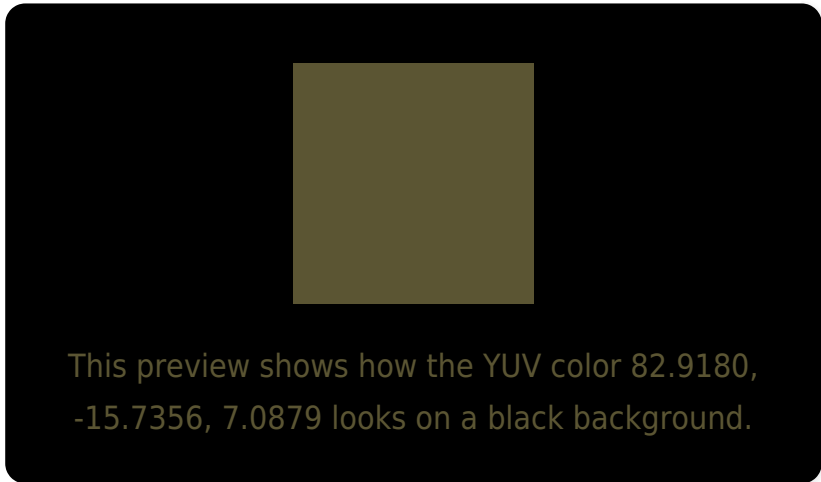
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

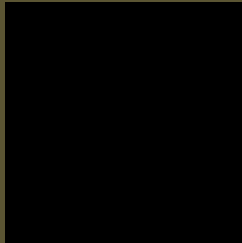
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.9180, -15.7356, 7.0879

Background



This preview shows how black text looks on a background with the YUV color 82.9180, -15.7356, 7.0879.

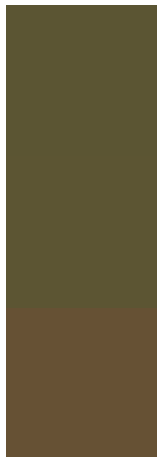


This preview shows how white text looks on a background with the YUV color 82.9180, -15.7356,

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

82.9180, -15.7356, 7.0879

Protanopia

83.2170, -15.8830, 7.7027

Deuteranopia

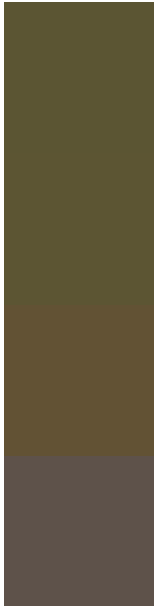
83.9730, -15.7627, 15.8097



Tritanopia

85.8700, 0.5571, 8.0070

Trichromacy



Original Color

82.9180, -15.7356, 7.0879

Protanomaly

83.2170, -15.8830, 7.7027

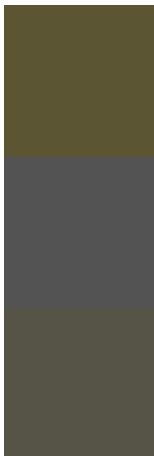
Deuteranomaly

83.3640, -15.4625, 12.8358

Tritanomaly

84.6760, -5.2633, 8.1771

Monochromacy



Original Color

82.9180, -15.7356, 7.0879

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.1160, -5.9732, 2.5293

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.9180, -15.7356, 7.0879 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(91, 85, 51)` looks like.

```
.text, #text, p{  
    color:rgb(91, 85, 51)  
}
```

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(91, 85, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 85, 51) }
```

Border

The CSS property to change the border of an element to YUV 82.9180, -15.7356, 7.0879 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(91, 85, 51) }
```


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

```
.border{ border-color:rgb(91, 85, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 85, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 85, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 85, 51);  
box-shadow:4px 4px 4px 4px rgb(91, 85, 51)  
}
```

Background

The CSS property to change the background color of an element to YUV 82.9180, -15.7356, 7.0879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 85, 51) }
```

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

```
.background{ background-color: rgb(91, 85,  
51) }
```

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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