

Converting Colors

YUV(85.7950, -26.0279, -5.0822)

Have a look what the booklet for
YUV(85.7950, -26.0279, -5.0822)
contains.

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Color

**YUV(85.7950, -26.0279,
-5.0822)**

Conversions

Conversions Part 1

Format	Color
Hex	506321
RGB	80, 99, 33
RGB Percent	31%, 39%, 13%
CMY	0.6863, 0.6118, 0.8706
CMYK	0.19, 0.00, 0.67, 0.61
HSL	77°, 50%, 26%
HSV	77°, 67%, 39%
XYZ	8.0446, 10.7390, 3.0877
YIQ	85.7950, 9.8620, -24.5540

Conversions

Conversions Part 2

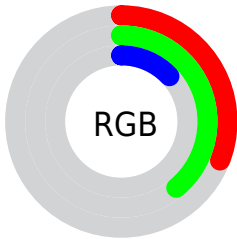
Format	Color
R_{YB}	33, 99, 52
Decimal	5268257
CIE _{Lab}	39.14, -18.13, 34.07
CIE _{LCh}	39, 38.599, 118.018
Yxy	10.7390, 0.3678, 0.4910
Android (android.graphics.Color)	4283458337 (0xFF506321)
YUV	85.7950, -26.0279, -5.0822
Hunter-Lab	32.7704, -13.5291, 17.3528

Details

The YUV color **85.7950, -26.0279, -5.0822** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **46.2050, 26.0279, 5.0822**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.4530, -27.3383, -4.7823**, and **40.6900, -20.0602, -5.8671** is the 20% darker color. If you saturate the color by 10%, you get **83.7580, -29.9537, -5.9268**, and if you desaturate by 10%, it is **87.8320, -22.1022, -4.2377**.

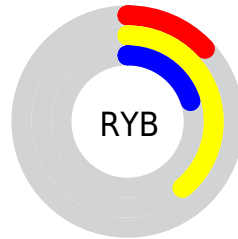
Distribution



 Red (31%)

 Green (39%)

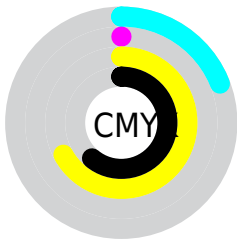
 Blue (13%)



 Red (13%)

 Yellow (39%)

 Blue (20%)

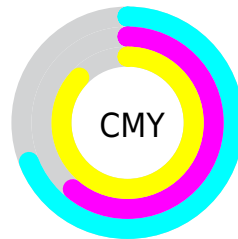


 Cyan (19%)


 Magenta (0%)

 Yellow (67%)

 Black (61%)



 Cyan (69%)

 Magenta (61%)

 Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.7950, -26.0279, -5.0822 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 85.7950, -26.0279, -5.0822 by changing the saturation by 10% instead.

■ 85.7950, -26.0279,
-5.0822

■ 85.7950, -26.0279,
-5.0822

255.0000, 0.0000,
0.0000

■ 61.6810, -26.4647,
-4.9822

■ 136.4530,
-27.3383, -4.7823

■ 40.6900, -20.0602,
-5.8671

■ 163.2250,
-28.2119, -4.5823

■ 19.3930, -9.5607,
-13.4997

■ 189.9970,
-29.0855, -4.3824

■ 0.0000, 0.0000,
0.0000

■ 217.8830,
-29.5223, -4.2824

■ 243.1330,
-28.6596, -0.9936

■ 250.2120,

-18.3455, 4.1991

253.5180, -5.6784,
1.2997

85.7950, -26.0279,
-5.0822

85.7950, -26.0279,
-5.0822

83.7580, -29.9537,
-5.9268

87.8320, -22.1022,
-4.2377

81.7210, -33.8795,
-6.7713

89.8690, -18.1764,
-3.3931

79.6840, -37.8052,
-7.6159

91.9060, -14.2507,
-2.5486

79.3420, -39.1156,
-7.3159

93.6440, -10.1775,
-2.3188

95.6810, -6.2517,
-1.4742

■ 97.6040, -2.7628,
-0.5297

■ 99.6410, 1.1630,
0.3148

■ 101.6780, 5.0887,
1.1594

■ 103.7150, 9.0145,
2.0039

Harmonies

Analogous

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



88.8690, -31.4874, 19.4089



85.7950, -26.0279, -5.0822



79.1960, -10.9426, -37.0059

Triad

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



85.7950, -26.0279, -5.0822



77.5780, 33.2390, -68.0359



92.4650, 1.7428, 47.8272

Complementary

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



85.7950, -26.0279, -5.0822



46.2050, 26.0279, 5.0822

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.



94.9000, 15.3323, 29.0287



85.7950, -26.0279, -5.0822



74.0220, 39.9222, -64.9173

Square

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



85.7950, -26.0279, -5.0822



76.6030, 21.8877, -67.1808



93.6770, 26.7812, -3.2247



91.2900, -12.9610, 50.6117

Rectangle

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



85.7950, -26.0279, -5.0822



71.7010, 3.1054, -62.8818



93.6770, 26.7812, -3.2247



93.5830, 6.1216, 43.3387

Sweetspot

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



85.7950, -26.0279, -5.0822



122.6440, -10.1775, -2.3188



63.8870, -15.2273, 30.7941



60.6810, -6.2517, -1.4742



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



85.7950, -26.0279, -5.0822



107.2880, -40.5680, -8.1456



75.9280, -21.1635, -25.3699



47.2450, -1.5998, -0.2149



89.6640, -44.2044, -8.4753



192.0090, -94.6604, -18.4249

Inverse Universe

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



46.2050, 26.0279, 5.0822



45.7120, 40.5680, 8.1456



56.0720, 21.1635, 25.3699



44.7550, 1.5998, 0.2149



22.3360, 44.2044, 8.4753



47.9910, 94.6604, 18.4249

Previews

White Background



This preview shows how the YUV color 85.7950, -26.0279, -5.0822 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 × Fail

Black Background



This preview shows how the YUV color 85.7950, -26.0279, -5.0822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

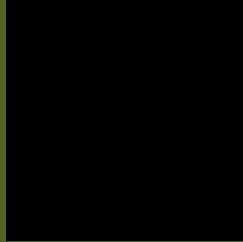
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.7950, -26.0279, -5.0822

Background



This preview shows how black text looks on a background with the YUV color 85.7950, -26.0279, -5.0822.



This preview shows how white text looks on a background with the YUV color 85.7950, -26.0279,

-5.0822.

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

85.7950, -26.0279, -5.0822

Protanopia

88.3350, -28.2662, 12.8612

Deuteranopia

89.3730, -25.8199, 21.5979



Tritanopia

92.3030, 3.7946, -3.7737

Trichromacy



Original Color

85.7950, -26.0279, -5.0822

Protanomaly

87.8180, -27.5183, 6.2986

Deuteranomaly

88.0190, -25.6454, 12.2613

Tritanomaly

89.8440, -6.8251, -4.2482

Monochromacy



Original Color

85.7950, -26.0279, -5.0822

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.1710, -9.4513, -1.9040

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.7950, -26.0279, -5.0822 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(80, 99, 33)` looks like.

```
.text, #text, p{  
    color:rgb(80, 99, 33)  
}
```

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(80, 99, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 99, 33) }
```

Border

The CSS property to change the border of an element to YUV 85.7950, -26.0279, -5.0822 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(80, 99, 33) }
```


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

```
.border{ border-color:rgb(80, 99, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 99, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 99, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 99, 33);  
box-shadow:4px 4px 4px 4px rgb(80, 99, 33)  
}
```

Background

The CSS property to change the background color of an element to YUV 85.7950, -26.0279, -5.0822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 99, 33) }
```

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

```
.background{ background-color: rgb(80, 99,  
33) }
```

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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