

Converting Colors

YUV(83.5560, -26.8961, -6.6266)

Have a look what the booklet for
YUV(83.5560, -26.8961, -6.6266)
contains.

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Color

**YUV(83.5560, -26.8961,
-6.6266)**

Conversions

Conversions Part 1

Format	Color
Hex	4C621D
RGB	76, 98, 29
RGB Percent	30%, 38%, 11%
CMY	0.7020, 0.6157, 0.8863
CMYK	0.22, 0.00, 0.70, 0.62
HSL	79°, 54%, 25%
HSV	79°, 70%, 38%
XYZ	7.5699, 10.3606, 2.7632
YIQ	83.5560, 9.0370, -26.1230

Conversions

Conversions Part 2

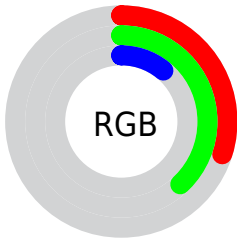
Format	Color
RYB	29, 98, 51
Decimal	5005853
CIELab	38.48, -19.71, 35.16
CIELCh	38, 40.310, 119.276
Yxy	10.3606, 0.3658, 0.5007
Android (android.graphics.Color)	4283195933 (0xFF4C621D)
YUV	83.5560, -26.8961, -6.6266
Hunter-Lab	32.1878, -14.3491, 17.4417

Details

The YUV color **83.5560, -26.8961, -6.6266** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **43.4440, 26.8961, 6.6266**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.2140, -28.2065, -6.3267**, and **38.6080, -19.0337, -8.4262** is the 20% darker color. If you saturate the color by 10%, you get **81.5190, -30.8219, -7.4712**, and if you desaturate by 10%, it is **85.5930, -22.9703, -5.7821**.

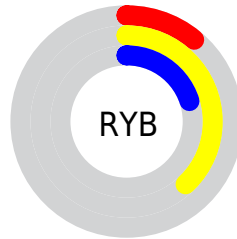
Distribution



Red (30%)

Green (38%)

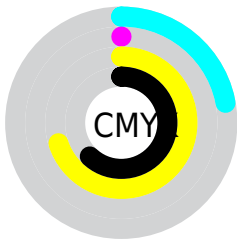
Blue (11%)



Red (11%)

Yellow (38%)

Blue (20%)

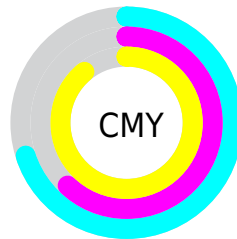


Cyan (22%)

Magenta (0%)

Yellow (70%)

Black (62%)



Cyan (70%)

Magenta (62%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.5560, -26.8961, -6.6266 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 83.5560, -26.8961, -6.6266 by changing the saturation by 10% instead.

■ 83.5560, -26.8961,
-6.6266

■ 83.5560, -26.8961,
-6.6266

255.0000, 0.0000,
0.0000

■ 59.3280, -27.7697,
-6.4267

■ 134.2140,
-28.2065, -6.3267

■ 38.6080, -19.0337,
-8.4262

■ 160.3990,
-28.7907, -5.6119

■ 18.1970, -8.9711,
-15.9588

■ 187.8720,
-29.5169, -6.0267

■ 0.0000, 0.0000,
0.0000

■ 215.6440,
-30.3905, -5.8268

■ 241.4810,
-29.8171, -3.0528

■ 249.7560,

-20.0927, 4.5990

253.0620, -7.4256,
1.6996

83.5560, -26.8961,
-6.6266

83.5560, -26.8961,
-6.6266

81.5190, -30.8219,
-7.4712

85.5930, -22.9703,
-5.7821

79.4820, -34.7476,
-8.3157

87.6300, -19.0446,
-4.9375

77.5590, -38.2366,
-9.2602

89.5530, -15.5556,
-3.9930

91.5900, -11.6299,
-3.1484

93.9260, -7.8515,
-1.6891

■ 95.9630, -3.9258,
-0.8446

■ 98.0000, 0.0000,
0.0000

■ 99.9230, 3.4890,
0.9445

■ 101.9600, 7.4147,
1.7891

Harmonies

Analogous

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



87.0000, -33.5240, 19.2940



83.5560, -26.8961, -6.6266



75.8040, -9.7634, -41.9241

Triad

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



83.5560, -26.8961, -6.6266



76.5180, 34.2546, -67.1063



90.0740, 1.4425, 50.8011

Complementary

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



83.5560, -26.8961, -6.6266



43.4440, 26.8961, 6.6266

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.



92.6230, 15.4689, 31.9026



83.5560, -26.8961, -6.6266



73.5490, 40.6483, -64.5025

Square

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



83.5560, -26.8961, -6.6266



76.1300, 22.6139, -66.7660



91.9160, 27.6494, -1.6803



88.7740, -13.6926, 51.9412

Rectangle

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



83.5560, -26.8961, -6.6266



71.0000, 2.9580, -62.2670



91.9160, 27.6494, -1.6803



91.3060, 6.2581, 46.2126

Sweetspot

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



83.5560, -26.8961, -6.6266



122.2310, -10.4669, -2.8336



62.5450, -16.5377, 31.0940



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.



83.5560, -26.8961, -6.6266



105.2230, -42.0149, -10.7196



73.3900, -21.8843, -27.5290



47.2450, -1.5998, -0.2149



88.4680, -43.6147, -10.9344



189.6170, -93.4812, -23.3431

Inverse Universe

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



43.4440, 26.8961, 6.6266



42.7770, 42.0149, 10.7196



53.6100, 21.8843, 27.5290



44.7550, 1.5998, 0.2149



23.5320, 43.6147, 10.9344



50.0840, 93.6286, 22.7283

Previews

White Background



This preview shows how the YUV color 83.5560, -26.8961, -6.6266 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 83.5560, -26.8961, -6.6266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

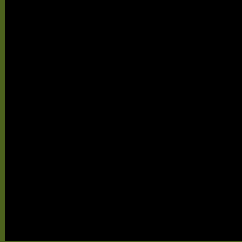
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.5560, -26.8961, -6.6266

Background



This preview shows how black text looks on a background with the YUV color 83.5560, -26.8961, -6.6266.



This preview shows how white text looks on a background with the YUV color 83.5560, -26.8961, -6.6266.

-6.6266.

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

83.5560, -26.8961, -6.6266

Protanopia

86.6940, -29.4291, 12.5464

Deuteranopia

88.0310, -27.1303, 21.8978



Tritanopia

90.4060, 4.2368, -5.6181

Trichromacy



Original Color

83.5560, -26.8961, -6.6266

Protanomaly

85.8780, -28.5339, 5.3690

Deuteranomaly

86.3780, -26.8084, 11.9465

Tritanomaly

87.8330, -6.8197, -5.9925

Monochromacy



Original Color

83.5560, -26.8961, -6.6266

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.7580, -9.7407, -2.4188

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.5560, -26.8961, -6.6266 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(76, 98, 29)` looks like.

```
.text, #text, p{  
    color:rgb(76, 98, 29)  
}
```

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(76, 98, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 98, 29) }
```

Border

The CSS property to change the border of an element to YUV 83.5560, -26.8961, -6.6266 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(76, 98, 29) }
```


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

```
.border{ border-color:rgb(76, 98, 29) }
```

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

Here you see how a box with a 4 pixel rgb(76, 98, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 98, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 98, 29);  
box-shadow:4px 4px 4px 4px rgb(76, 98, 29)  
}
```

Background

The CSS property to change the background color of an element to YUV 83.5560, -26.8961, -6.6266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 98, 29) }
```

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

```
.background{ background-color: rgb(76, 98,  
29) }
```

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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