

Converting Colors

YUV(86.8450, -28.5176, 0.1359)

Have a look what the booklet for
YUV(86.8450, -28.5176, 0.1359)
contains.

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Color

**YUV(86.8450, -28.5176,
0.1359)**

Conversions

Conversions Part 1

Format	Color
Hex	57621D
RGB	87, 98, 29
RGB Percent	34%, 38%, 11%
CMY	0.6588, 0.6157, 0.8863
CMYK	0.11, 0.00, 0.70, 0.62
HSL	70°, 54%, 25%
HSV	70°, 70%, 38%
XYZ	8.5199, 10.8503, 2.8077
YIQ	86.8450, 15.5930, -23.7910

Conversions

Conversions Part 2

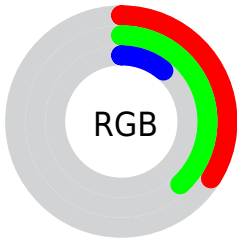
Format	Color
R_{YB}	29, 98, 40
Decimal	5726749
CIE Lab	39.33, -14.71, 36.30
CIE LCh	39, 39.171, 112.055
Yxy	10.8503, 0.3842, 0.4892
Android (android.graphics.Color)	4283916829 (0xFF57621D)
YUV	86.8450, -28.5176, 0.1359
Hunter-Lab	32.9398, -11.4754, 18.0042

Details

The YUV color **86.8450, -28.5176, 0.1359** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **40.1550, 28.5176, -0.1359**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.8020, -29.9754, 1.0506**, and **42.1850, -20.7972, -2.7932** is the 20% darker color. If you saturate the color by 10%, you get **85.1070, -32.5908, -0.0938**, and if you desaturate by 10%, it is **88.5830, -24.4444, 0.3657**.

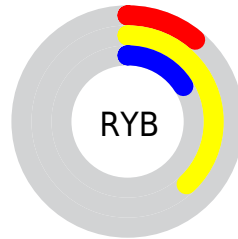
Distribution



Red (34%)

Green (38%)

Blue (11%)



Red (11%)

Yellow (38%)

Blue (16%)

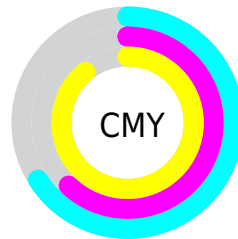


Cyan (11%)

Magenta (0%)

Yellow (70%)

Black (62%)



Cyan (66%)

Magenta (62%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.8450, -28.5176, 0.1359 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 86.8450, -28.5176, 0.1359 by changing the saturation by 10% instead.

■ 86.8450, -28.5176,
0.1359

■ 86.8450, -28.5176,
0.1359

■ 255.0000, 0.0000,
0.0000

■ 62.3180, -29.2438,
-0.2789

■ 137.8020,
-29.9754, 1.0506

■ 42.1850, -20.7972,
-2.7932

■ 163.9870,
-30.5596, 1.7654

■ 22.0840, -10.8874,
-7.9667

■ 191.7590,
-31.4332, 1.9654

■ 0.0000, 0.0000,
0.0000

■ 219.5310,
-32.3068, 2.1653

■ 245.3680,
-31.7334, 4.9393

■ 249.7560,

-20.0927, 4.5990

253.0620, -7.4256,
1.6996

86.8450, -28.5176,
0.1359

86.8450, -28.5176,
0.1359

85.1070, -32.5908,
-0.0938

88.5830, -24.4444,
0.3657

83.6680, -36.8113,
0.2912

90.0220, -20.2238,
-0.0193

82.0440, -40.4477,
-0.0386

91.6460, -16.5875,
0.3105

93.0850, -12.3669,
-0.0745

94.8230, -8.2937,
0.1552

■ 96.2620, -4.0732,
-0.2298

■ 98.0000, 0.0000,
0.0000

■ 99.3250, 3.7838,
-0.2850

■ 101.0630, 7.8569,
-0.0553

Harmonies

Analogous

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



89.6030, -31.3563, 24.0272



86.8450, -28.5176, 0.1359



81.3280, -14.4587, -29.2287

Triad

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



86.8450, -28.5176, 0.1359



77.8230, 31.6393, -68.2508



93.5510, 4.6584, 45.9978

Complementary

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



86.8450, -28.5176, 0.1359



40.1550, 28.5176, -0.1359

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.



95.2630, 18.1113, 24.3253



86.8450, -28.5176, 0.1359



75.8970, 39.4908, -66.5617

Square

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



86.8450, -28.5176, 0.1359



76.6200, 19.4143, -67.1957



92.6050, 29.2817, -11.9316



91.3980, -10.0562, 52.2710

Rectangle

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



86.8450, -28.5176, 0.1359



71.0170, 0.4846, -62.2819



92.6050, 29.2817, -11.9316



94.3700, 9.1846, 40.8945

Sweetspot

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



86.8450, -28.5176, 0.1359



123.4270, -11.0565, -0.3745



55.5010, -13.0650, 37.2716



61.2790, -6.5465, -0.2447



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.



86.8450, -28.5176, 0.1359



110.3060, -44.5209, -0.2684



76.6790, -23.5057, -20.7665



47.5440, -1.7472, 0.3999



93.8500, -46.2680, 0.1316



200.9790, -99.0826, 0.0184

Inverse Universe

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



40.1550, 28.5176, -0.1359



37.3950, 44.6683, -0.3464



50.3210, 23.5057, 20.7665



44.4560, 1.7472, -0.3999



18.1500, 46.2680, -0.1315



38.7220, 99.2301, -0.6332

Previews

White Background



This preview shows how the YUV color 86.8450, -28.5176, 0.1359 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 86.8450, -28.5176, 0.1359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

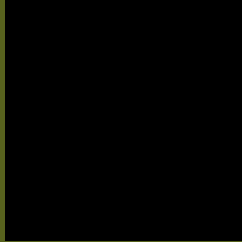
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.8450, -28.5176, 0.1359

Background



This preview shows how black text looks on a background with the YUV color 86.8450, -28.5176, 0.1359.



This preview shows how white text looks on a background with the YUV color 86.8450, -28.5176,

0.1359.

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

86.8450, -28.5176, 0.1359

Protanopia

88.8790, -30.0133, 13.2611

Deuteranopia

90.1020, -28.1513, 22.7125



Tritanopia

93.3960, 2.7628, 0.5297

Trichromacy



Original Color

86.8450, -28.5176, 0.1359

Protanomaly

88.2590, -29.7077, 8.5429

Deuteranomaly

89.0470, -28.1242, 13.9908

Tritanomaly

90.8230, -8.2937, 0.1552

Monochromacy



Original Color

86.8450, -28.5176, 0.1359

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.9540, -10.3303, 0.0403

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.8450, -28.5176, 0.1359 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(87, 98, 29)` looks like.

```
.text, #text, p{  
    color:rgb(87, 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(87, 98, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 98, 29) }
```

Border

The CSS property to change the border of an element to YUV 86.8450, -28.5176, 0.1359 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(87, 98, 29) }
```


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

```
.border{ border-color:rgb(87, 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(87, 98, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 98, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 98, 29);  
box-shadow:4px 4px 4px 4px rgb(87, 98, 29)  
}
```

Background

The CSS property to change the background color of an element to YUV 86.8450, -28.5176, 0.1359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 98, 29) }
```

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

```
.background{ background-color: rgb(87, 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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