

Converting Colors

YUV(82.2700, -33.1641, -2.8678)

Have a look what the booklet for
YUV(82.2700, -33.1641, -2.8678)
contains.

YUV(82.2700, -33.1641, -2.8678)	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(82.2700, -33.1641,
-2.8678)**

Conversions

Conversions Part 1

Format	Color
Hex	4F610F
RGB	79, 97, 15
RGB Percent	31%, 38%, 6%
CMY	0.6902, 0.6196, 0.9412
CMYK	0.19, 0.00, 0.85, 0.62
HSL	73°, 73%, 22%
HSV	73°, 85%, 38%
XYZ	7.5854, 10.2461, 2.0298
YIQ	82.2700, 15.5940, -29.3180

Conversions

Conversions Part 2

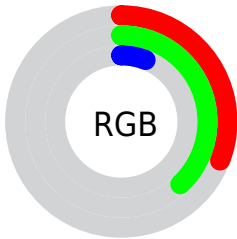
Format	Color
R_{YB}	15, 97, 33
Decimal	5202191
CIE _{Lab}	38.28, -18.70, 40.56
CIE _{LCh}	38, 44.659, 114.752
Yxy	10.2461, 0.3819, 0.5159
Android (android.graphics.Color)	4283392271 (0xFF4F610F)
YUV	82.2700, -33.1641, -2.8678
Hunter-Lab	32.0096, -13.7174, 18.6469

Details

The YUV color **82.2700, -33.1641, -2.8678** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **29.7300, 33.1641, 2.8678**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.5690, -33.3115, -2.2530**, and **38.9070, -19.1812, -7.8114** is the 20% darker color. If you saturate the color by 10%, you get **80.5320, -37.2373, -3.0976**, and if you desaturate by 10%, it is **84.0080, -29.0909, -2.6380**.

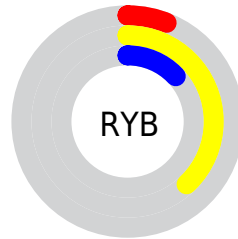
Distribution



Red (31%)

Green (38%)

Blue (6%)



Red (6%)

Yellow (38%)

Blue (13%)

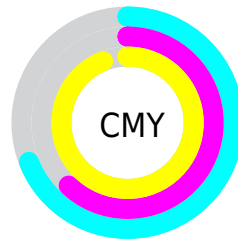


Cyan (19%)

Magenta (0%)

Yellow (85%)

Black (62%)



Cyan (69%)

Magenta (62%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 82.2700, -33.1641, -2.8678 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 82.2700, -33.1641, -2.8678 by changing the saturation by 10% instead.

■ 82.2700, -33.1641,
-2.8678

■ 82.2700, -33.1641,
-2.8678

255.0000, 0.0000,
0.0000

■ 58.9970, -29.0855,
-4.3824

■ 133.5690,
-33.3115, -2.2530

■ 38.9070, -19.1812,
-7.8114

■ 159.7540,
-33.8957, -1.5383

■ 17.6100, -8.6817,
-15.4440

■ 187.2270,
-34.6219, -1.9531

■ 0.0000, 0.0000,
0.0000

■ 215.2980,
-35.6429, -1.1383

■ 241.7220,
-35.3589, 1.1208

■ 248.5020,

-24.8975, 5.6987

■ 251.6940,
-12.6671, 2.8994

■ 82.2700, -33.1641,
-2.8678

■ 82.2700, -33.1641,
-2.8678

■ 80.5320, -37.2373,
-3.0976

■ 84.0080, -29.0909,
-2.6380

■ 79.6630, -39.2739,
-3.2125

■ 85.6320, -25.4546,
-2.3083

■ 87.3700, -21.3814,
-2.0785

■ 89.4070, -17.4557,
-1.2339

■ 91.1450, -13.3825,
-1.0042

■ 92.7690, -9.7461,
-0.6744

■ 94.5070, -5.6730,
-0.4446

■ 96.2450, -1.5998,
-0.2149

■ 97.8690, 2.0366,
0.1149

Harmonies

Analogous

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



85.2520, -39.0712, 25.2120



82.2700, -33.1641, -2.8678



74.3650, -13.9839, -41.5391

Triad

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



82.2700, -33.1641, -2.8678



78.0340, 34.9862, -68.4358



88.6060, 4.6312, 54.7195

Complementary

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



82.2700, -33.1641, -2.8678



29.7300, 33.1641, 2.8678

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.



92.6490, 19.4000, 31.0028



82.2700, -33.1641, -2.8678



74.8200, 42.9797, -65.6171

Square

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



82.2700, -33.1641, -2.8678



76.3750, 21.0141, -66.9809



89.8270, 32.6233, -10.3723



87.1600, -12.4039, 58.6187

Rectangle

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



82.2700, -33.1641, -2.8678



70.2020, -0.0996, -61.5672



89.8270, 32.6233, -10.3723



90.2400, 9.7417, 48.9015

Sweetspot

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



82.2700, -33.1641, -2.8678



119.3730, -12.5089, -1.2041



50.0840, -17.2964, 41.1453



60.6380, -7.7095, -0.5595



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.



82.2700, -33.1641, -2.8678



102.6770, -50.6198, -4.1017



70.0110, -27.1204, -28.0736



47.2450, -1.5998, -0.2149



92.0560, -45.3836, -3.5571



196.7930, -97.0189, -8.5885

Inverse Universe

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



29.7300, 33.1641, 2.8678



22.3230, 50.6198, 4.1017



41.9890, 27.1204, 28.0736



44.7550, 1.5998, 0.2149



20.2430, 45.2362, 4.1719



43.2070, 97.0189, 8.5885

Previews

White Background



This preview shows how the YUV color 82.2700, -33.1641, -2.8678 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 82.2700, -33.1641, -2.8678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

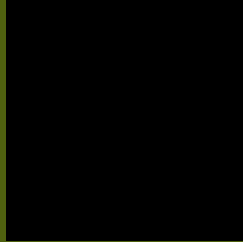
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 82.2700, -33.1641, -2.8678

Background



This preview shows how black text looks on a background with the YUV color 82.2700, -33.1641, -2.8678.



This preview shows how white text looks on a background with the YUV color 82.2700, -33.1641,

-2.8678.

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

82.2700, -33.1641, -2.8678

Protanopia

84.5110, -35.2549, 14.4609

Deuteranopia

86.1900, -31.6457, 23.5124



Tritanopia

89.9010, 3.4998, -2.5442

Trichromacy



Original Color

82.2700, -33.1641, -2.8678

Protanomaly

83.9940, -34.5070, 7.8983

Deuteranomaly

84.6080, -32.3447, 14.3758

Tritanomaly

87.3450, -10.0301, -2.9336

Monochromacy



Original Color

82.2700, -33.1641, -2.8678

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.9000, -11.7827, -0.7893

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.2700, -33.1641, -2.8678 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(79, 97, 15)` looks like.

```
.text, #text, p{  
    color:rgb(79, 97, 15)  
}
```

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(79, 97, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 97, 15) }
```

Border

The CSS property to change the border of an element to YUV 82.2700, -33.1641, -2.8678 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(79, 97, 15) }
```


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

```
.border{ border-color:rgb(79, 97, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 97, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 97, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 97, 15);  
box-shadow:4px 4px 4px 4px rgb(79, 97, 15)  
}
```

Background

The CSS property to change the background color of an element to YUV 82.2700, -33.1641, -2.8678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 97, 15) }
```

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

```
.background{ background-color: rgb(79, 97,  
15) }
```

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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