

Converting Colors

YUV(118.2900, -33.6670,
-28.3183)

Have a look what the booklet for
YUV(118.2900, -33.6670, -28.3183)
contains.

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Color

**YUV(118.2900, -33.6670,
-28.3183)**

Conversions

Conversions Part 1

Format	Color
Hex	569432
RGB	86, 148, 50
RGB Percent	34%, 58%, 20%
CMY	0.6627, 0.4196, 0.8039
CMYK	0.42, 0.00, 0.66, 0.42
HSL	98°, 49%, 39%
HSV	98°, 66%, 58%
XYZ	15.0034, 23.3885, 6.7413
YIQ	118.2900, -5.4940, -43.6220

Conversions

Conversions Part 2

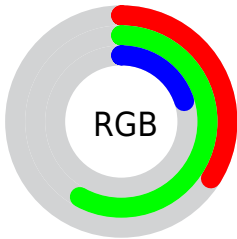
Format	Color
R_{YB}	50, 148, 112
Decimal	5674034
CIE _{Lab}	55.47, -37.84, 44.10
CIE _{LCh}	55, 58.112, 130.629
Yxy	23.3885, 0.3324, 0.5182
Android (android.graphics.Color)	4283864114 (0xFF569432)
YUV	118.2900, -33.6670, -28.3183
Hunter-Lab	48.3617, -29.2564, 25.5886

Details

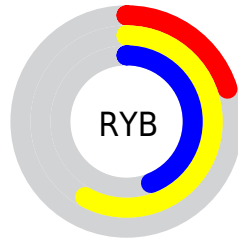
The YUV color **118.2900, -33.6670, -28.3183** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **79.7100, 33.6670, 28.3183**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.5350, -35.2668, -28.5332**, and **65.9090, -32.4931, -31.4922** is the 20% darker color. If you saturate the color by 10%, you get **113.8890, -38.8923, -32.3517**, and if you desaturate by 10%, it is **122.6910, -28.4417, -24.2850**.

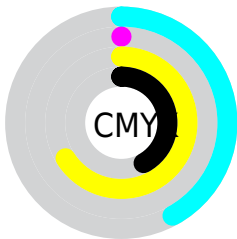
Distribution



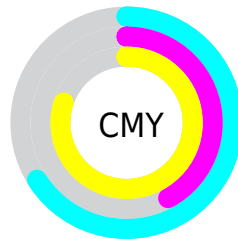
- Red (34%)
- Green (58%)
- Blue (20%)



- Red (20%)
- Yellow (58%)
- Blue (44%)



- Cyan (42%)
- Magenta (0%)
- Yellow (66%)
- Black (42%)



- Cyan (66%)
- Magenta (42%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.2900, -33.6670, -28.3183 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 118.2900, -33.6670, -28.3183 by changing the saturation by 10% instead.

■ 118.2900,
-33.6670, -28.3183

■ 118.2900,
-33.6670, -28.3183

■ 255.0000, 0.0000,
0.0000

■ 91.8770, -33.9564,
-28.8331

■ 172.5350,
-35.2668, -28.5332

■ 65.9090, -32.4931,
-31.4922

■ 200.3070,
-36.1404, -28.3332

■ 42.2640, -20.8362,
-37.0655

■ 225.8450,
-35.4196, -26.1741

■ 28.7630, -14.1802,
-25.2252

■ 237.5940,
-27.9008, -11.0449

■ 16.4360, -8.1029,
-14.4144

■ 249.5710,
-19.5085, 3.8842

■ 0.0000, 0.0000,
0.0000

■ 253.0620, -7.4256,

1.6996

■ 118.2900,
-33.6670, -28.3183

■ 118.2900,
-33.6670, -28.3183

■ 113.8890,
-38.8923, -32.3517

■ 122.6910,
-28.4417, -24.2850

■ 109.1890,
-43.9702, -36.9998

■ 127.3910,
-23.3638, -19.6369

■ 104.9020,
-48.7587, -41.1331

■ 131.6780,
-18.5753, -15.5036

■ 103.0220,
-50.7898, -42.9923

■ 136.0790,
-13.3499, -11.4703

■ 140.7790, -8.2720,
-6.8222

■ 145.1800, -3.0467,
-2.7889

■ 149.8800, 2.0312,
1.8592

■ 154.1670, 6.8197,
5.9925

■ 158.5680, 12.0450,
10.0259

Harmonies

Analogous

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



124.1140, -53.3002, 15.6860



118.2900, -33.6670, -28.3183



101.4560, -2.1968, -88.9769

Triad

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



118.2900, -33.6670, -28.3183



112.2810, 57.0495, -98.4704



129.6220, -6.2226, 82.7695

Complementary

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



118.2900, -33.6670, -28.3183



79.7100, 33.6670, 28.3183

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.



133.7610, 16.3868, 64.2306



118.2900, -33.6670, -28.3183



121.5620, 54.4459, -56.6209

Square

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



118.2900, -33.6670, -28.3183



113.4430, 41.1936, -99.4895



136.3390, 36.3149, 18.9967



128.7910, -29.4770, 74.7283

Rectangle

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



118.2900, -33.6670, -28.3183



106.6200, 12.5123, -93.5057



136.3390, 36.3149, 18.9967



130.0760, 1.9345, 79.7403

Sweetspot

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



118.2900, -33.6670, -28.3183



179.4920, -13.0606, -10.9555



114.5220, -31.8093, 29.3602



89.8930, -7.8352, -6.9222



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



118.2900, -33.6670, -28.3183



145.3810, -51.9528, -43.3071



108.7800, -23.5555, -51.5501



71.7070, -2.3206, -2.3740



96.2550, -47.4537, -39.6886



7.0660, -3.4835, -2.6889

Inverse Universe

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



79.7100, 33.6670, 28.3183



85.9180, 51.8054, 43.9219



89.2200, 23.5555, 51.5501



68.9940, 2.4680, 1.7593



41.7450, 47.4537, 39.6886



2.9340, 3.4835, 2.6889

Previews

White Background



This preview shows how the YUV color 118.2900, -33.6670, -28.3183 looks on a white 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

Black Background



This preview shows how the YUV color 118.2900, -33.6670, -28.3183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

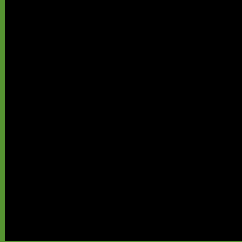
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 118.2900, -33.6670, -28.3183 Background



This preview shows how black text looks on a background with the YUV color 118.2900, -33.6670, -28.3183.



This preview shows how white text looks on a background with the YUV color 118.2900, -33.6670, -28.3183.

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

118.2900, -33.6670, -28.3183

Protanopia

126.9800, -39.9231, 18.4345

Deuteranopia

129.4960, -35.7405, 30.2600



Tritanopia

128.6040, 10.5482, -23.3317

Trichromacy



Original Color

118.2900, -33.6670, -28.3183

Protanomaly

123.7390, -37.8323, 1.1059

Deuteranomaly

125.4780, -35.2387, 9.2278

Tritanomaly

125.0540, -5.4496, -25.4804

Monochromacy



Original Color

118.2900, -33.6670, -28.3183

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.0190, -12.3344, -10.5407

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.2900, -33.6670, -28.3183 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(86, 148, 50)` looks like.

```
.text, #text, p{  
    color:rgb(86, 148, 50)  
}
```

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(86, 148, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 148, 50) }
```

Border

The CSS property to change the border of an element to YUV 118.2900, -33.6670, -28.3183 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(86, 148, 50) }
```


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

```
.border{ border-color:rgb(86, 148, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 148, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 148, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 148, 50);  
box-shadow:4px 4px 4px 4px rgb(86, 148,  
50) }
```

Background

The CSS property to change the background color of an element to YUV 118.2900, -33.6670, -28.3183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 148, 50) }
```

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

```
.background{ background-color: rgb(86, 148,  
50) }
```

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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