

Converting Colors

YUV(118.7630, -34.3932,
-28.7332)

Have a look what the booklet for
YUV(118.7630, -34.3932, -28.7332)
contains.

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Color

**YUV(118.7630, -34.3932,
-28.7332)**

Conversions

Conversions Part 1

Format	Color
Hex	569531
RGB	86, 149, 49
RGB Percent	34%, 58%, 19%
CMY	0.6627, 0.4157, 0.8078
CMYK	0.42, 0.00, 0.67, 0.42
HSL	98°, 51%, 39%
HSV	98°, 67%, 58%
XYZ	15.1396, 23.6951, 6.6814
YIQ	118.7630, -5.4480, -44.4560

Conversions

Conversions Part 2

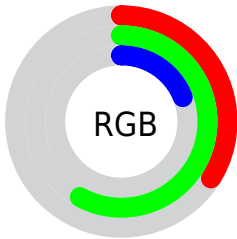
Format	Color
R_{YB}	49, 149, 112
Decimal	5674289
CIE _{Lab}	55.78, -38.36, 44.87
CIE _{LCh}	56, 59.039, 130.528
Yxy	23.6951, 0.3326, 0.5206
Android (android.graphics.Color)	4283864369 (0xFF569531)
YUV	118.7630, -34.3932, -28.7332
Hunter-Lab	48.6776, -29.6692, 25.9363

Details

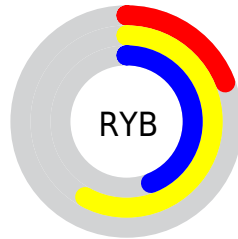
The YUV color **118.7630, -34.3932, -28.7332** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **79.2370, 34.3932, 28.7332**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.0080, -35.9929, -28.9480**, and **65.9090, -32.4931, -31.4922** is the 20% darker color. If you saturate the color by 10%, you get **114.3620, -39.6185, -32.7665**, and if you desaturate by 10%, it is **123.1640, -29.1679, -24.6998**.

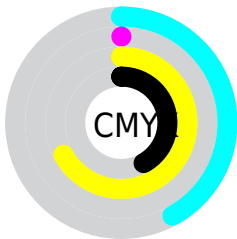
Distribution



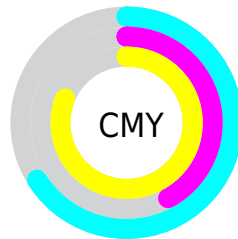
- Red (34%)
- Green (58%)
- Blue (19%)



- Red (19%)
- Yellow (58%)
- Blue (44%)



- Cyan (42%)
- Magenta (0%)
- Yellow (67%)
- Black (42%)



- Cyan (66%)
- Magenta (42%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.7630, -34.3932, -28.7332 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 118.7630, -34.3932, -28.7332 by changing the saturation by 10% instead.

■ 118.7630,
-34.3932, -28.7332

■ 118.7630,
-34.3932, -28.7332

■ 255.0000, 0.0000,
0.0000

■ 92.3500, -34.6825,
-29.2479

■ 173.0080,
-35.9929, -28.9480

■ 65.9090, -32.4931,
-31.4922

■ 200.7800,
-36.8665, -28.7481

■ 42.8510, -21.1255,
-37.5803

■ 225.7310,
-35.8564, -26.0741

■ 29.3500, -14.4695,
-25.7399

■ 237.5940,
-27.9008, -11.0449

■ 17.0230, -8.3923,
-14.9292

■ 249.7560,
-20.0927, 4.5990

■ 0.0000, 0.0000,
0.0000

■ 252.9480, -7.8624,

1.7996

■ 118.7630,
-34.3932, -28.7332

■ 118.7630,
-34.3932, -28.7332

■ 114.3620,
-39.6185, -32.7665

■ 123.1640,
-29.1679, -24.6998

■ 109.6620,
-44.6964, -37.4146

■ 127.8640,
-24.0900, -20.0517

■ 105.2610,
-49.9217, -41.4479

■ 132.2650,
-18.8646, -16.0184

■ 103.9080,
-51.2266, -42.8923

■ 136.9650,
-13.7867, -11.3703

■ 141.3660, -8.5614,
-7.3370

■ 145.6530, -3.7729,
-3.2037

■ 150.3530, 1.3050,
1.4444

■ 154.7540, 6.5303,
5.4777

■ 159.1550, 11.7556,
9.5111

Harmonies

Analogous

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



124.5440, -55.4842, 16.1859



118.7630, -34.3932, -28.7332



102.6300, -2.7756, -90.0065

Triad

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



118.7630, -34.3932, -28.7332



113.0960, 57.6337, -99.1852



129.7470, -5.7913, 84.4139

Complementary

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



118.7630, -34.3932, -28.7332



79.2370, 34.3932, 28.7332

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.



134.5870, 16.9656, 65.2602



118.7630, -34.3932, -28.7332



121.5940, 55.9092, -59.2799

Square

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



118.7630, -34.3932, -28.7332



114.2580, 41.7778, -100.2043



137.4530, 36.7517, 18.8967



129.3890, -29.7718, 75.9578

Rectangle

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



118.7630, -34.3932, -28.7332



107.9080, 12.3704, -94.6353



137.4530, 36.7517, 18.8967



130.7880, 2.0765, 80.8699

Sweetspot

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



118.7630, -34.3932, -28.7332



182.0790, -13.3499, -11.4703



115.2940, -32.6829, 29.5602



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.



118.7630, -34.3932, -28.7332



146.5010, -53.9840, -45.1664



109.0680, -23.6975, -52.6796



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.



79.2370, 34.3932, 28.7332



84.4990, 53.9840, 45.1664



88.9320, 23.6975, 52.6796



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 118.7630, -34.3932, -28.7332 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 118.7630, -34.3932, -28.7332 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 118.7630, -34.3932, -28.7332 Background



This preview shows how black text looks on a background with the YUV color 118.7630, -34.3932, -28.7332.



This preview shows how white text looks on a background with the YUV color 118.7630, -34.3932, -28.7332.

-28.7332.

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

118.7630, -34.3932, -28.7332

Protanopia

127.7520, -40.7967, 18.6345

Deuteranopia

129.6810, -36.3247, 30.9748



Tritanopia

129.1910, 10.2588, -23.8465

Trichromacy



Original Color

118.7630, -34.3932, -28.7332

Protanomaly

124.5110, -38.7059, 1.3059

Deuteranomaly

125.3640, -35.6755, 9.3278

Tritanomaly

125.5270, -6.1758, -25.8952

Monochromacy



Original Color

118.7630, -34.3932, -28.7332

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.0190, -12.3344, -10.5407

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.7630, -34.3932, -28.7332 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, 149, 49)` looks like.

```
.text, #text, p{  
    color:rgb(86, 149, 49)  
}
```

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, 149, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 149, 49) }
```

Border

The CSS property to change the border of an element to YUV 118.7630, -34.3932, -28.7332 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, 149, 49) }
```


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

```
.border{ border-color:rgb(86, 149, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 149, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 149, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 149, 49);  
box-shadow:4px 4px 4px 4px rgb(86, 149,  
49) }
```

Background

The CSS property to change the background color of an element to YUV 118.7630, -34.3932, -28.7332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 149, 49) }
```

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

```
.background{ background-color: rgb(86, 149,  
49) }
```

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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