

Converting Colors

YUV(150.5350, -35.2668,
-28.5332)

Have a look what the booklet for
YUV(150.5350, -35.2668, -28.5332)
contains.

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Color

**YUV(150.5350, -35.2668,
-28.5332)**

Conversions

Conversions Part 1

Format	Color
Hex	76B54F
RGB	118, 181, 79
RGB Percent	46%, 71%, 31%
CMY	0.5373, 0.2902, 0.6902
CMYK	0.35, 0.00, 0.56, 0.29
HSL	97°, 41%, 51%
HSV	97°, 56%, 71%
XYZ	25.4064, 37.4638, 13.2893
YIQ	150.5350, -4.8060, -45.0780

Conversions

Conversions Part 2

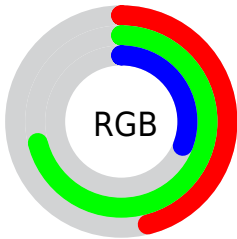
Format	Color
RYB	79, 181, 142
Decimal	7779663
CIELab	67.62, -38.36, 44.97
CIELCh	68, 59.110, 130.464
Yxy	37.4638, 0.3336, 0.4919
Android (android.graphics.Color)	4285969743 (0xFF76B54F)
YUV	150.5350, -35.2668, -28.5332
Hunter-Lab	61.2077, -33.0209, 29.9724

Details

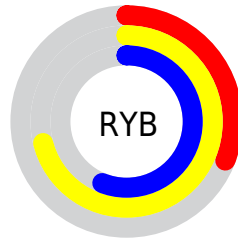
The YUV color **150.5350, -35.2668, -28.5332** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **109.4650, 35.2668, 28.5332**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.7800, -36.8665, -28.7481**, and **97.3500, -34.6825, -29.2479** is the 20% darker color. If you saturate the color by 10%, you get **145.1940, -41.5076, -33.4961**, and if you desaturate by 10%, it is **155.8760, -29.0259, -23.5703**.

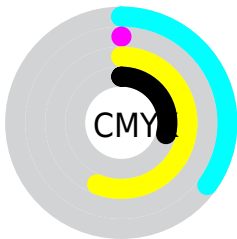
Distribution



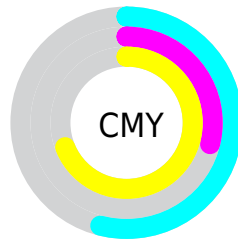
- Red (46%)
- Green (71%)
- Blue (31%)



- Red (31%)
- Yellow (71%)
- Blue (56%)



- Cyan (35%)
- Magenta (0%)
- Yellow (56%)
- Black (29%)



- Cyan (54%)
- Magenta (29%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.5350, -35.2668, -28.5332 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 150.5350, -35.2668, -28.5332 by changing the saturation by 10% instead.

■ 150.5350,
-35.2668, -28.5332

■ 150.5350,
-35.2668, -28.5332

■ 255.0000, 0.0000,
0.0000

■ 123.7630,
-34.3932, -28.7332

■ 205.7800,
-36.8665, -28.7481

■ 97.3500, -34.6825,
-29.2479

■ 228.0950,
-34.5568, -22.8853

■ 70.6380, -34.8245,
-30.3775

■ 239.9580,
-26.6013, -7.8562

■ 45.1990, -22.2831,
-39.6395

■ 250.3260,
-17.9087, 4.0991

■ 31.6980, -15.6271,
-27.7991

■ 253.6320, -5.2416,
1.1997

■ 19.9580, -9.8393,
-17.5032

■ 0.0000, 0.0000,

0.0000

■ 150.5350,
-35.2668, -28.5332

■ 150.5350,
-35.2668, -28.5332

■ 145.1940,
-41.5076, -33.4961

■ 155.8760,
-29.0259, -23.5703

■ 139.8530,
-47.7485, -38.4591

■ 161.2170,
-22.7850, -18.6073

■ 134.2130,
-53.8420, -44.0368

■ 166.8570,
-16.6915, -13.0296

■ 128.8720,
-60.0829, -48.9997

■ 172.1980,
-10.4506, -8.0666

■ 126.8780,
-62.5509, -50.7590

■ 177.6530, -3.7729,
-3.2037

■ 182.9940, 2.4680,
1.7593

■ 188.3350, 8.7088,
6.7222

■ 193.6760, 14.9497,
11.6851

■ 199.3160, 21.0432,
17.2629

Harmonies

Analogous

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



157.0540, -52.2846, 16.6156



150.5350, -35.2668, -28.5332



124.8340, 1.0678, -109.4794

Triad

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



150.5350, -35.2668, -28.5332



134.7300, 59.2931, -118.1582



161.2090, -6.5120, 82.2547

Complementary

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



150.5350, -35.2668, -28.5332



109.4650, 35.2668, 28.5332

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.



168.1850, 16.6708, 66.4898



150.5350, -35.2668, -28.5332



154.6400, 49.4775, -49.6733

Square

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



150.5350, -35.2668, -28.5332



136.9180, 47.3684, -120.0771



169.3930, 37.7673, 19.8263



162.5420, -31.8192, 79.3317

Rectangle

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



150.5350, -35.2668, -28.5332



130.8130, 16.3612, -114.7230



169.3930, 37.7673, 19.8263



163.2610, 1.3503, 80.4551

Sweetspot

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



150.5350, -35.2668, -28.5332



222.9650, -13.7867, -11.3703



146.4790, -33.2671, 30.2749



110.1920, -7.9827, -6.3074



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



150.5350, -35.2668, -28.5332



187.1590, -55.2944, -44.8664



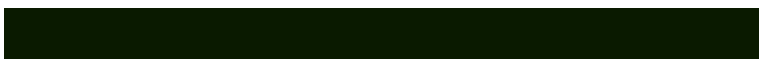
140.2420, -24.2763, -53.7092



86.4790, -3.1941, -2.1741



107.1530, -52.8264, -43.1072



18.2520, -8.9982, -7.2370

Inverse Universe

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



109.4650, 35.2668, 28.5332



122.8410, 55.2944, 44.8664



119.7580, 24.2763, 53.7092



82.8200, 3.0467, 2.7889



45.8470, 52.8264, 43.1072



7.7480, 8.9982, 7.2370

Previews

White Background



This preview shows how the YUV color 150.5350, -35.2668, -28.5332 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 150.5350, -35.2668, -28.5332 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 ✓ Pass

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

YUV 150.5350, -35.2668, -28.5332 Background



This preview shows how black text looks on a background with the YUV color 150.5350, -35.2668, -28.5332.



This preview shows how white text looks on a background with the YUV color 150.5350, -35.2668, -28.5332.

-28.5332.

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

150.5350, -35.2668, -28.5332

Protanopia

159.1220, -41.9651, 20.0640

Deuteranopia

161.4750, -37.2092, 34.6634



Tritanopia

160.8320, 11.4218, -23.5317

Trichromacy



Original Color

150.5350, -35.2668, -28.5332

Protanomaly

155.9950, -39.4375, 2.6354

Deuteranomaly

157.4460, -36.7019, 11.8869

Tritanomaly

157.0540, -5.4496, -25.4804

Monochromacy



Original Color

150.5350, -35.2668, -28.5332

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

150.9050, -12.7712, -10.4407

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.5350, -35.2668, -28.5332 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(118, 181, 79)` looks like.

```
.text, #text, p{  
    color:rgb(118, 181, 79)  
}
```

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(118, 181, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 181, 79) }
```

Border

The CSS property to change the border of an element to YUV 150.5350, -35.2668, -28.5332 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(118, 181, 79) }
```


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

```
.border{ border-color:rgb(118, 181, 79) }
```

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

Here you see how a box with a 4 pixel rgb(118, 181, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 181, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 181, 79);  
box-shadow:4px 4px 4px 4px rgb(118, 181,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 150.5350, -35.2668, -28.5332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 181, 79) }
```

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

```
.background{ background-color: rgb(118,  
181, 79) }
```

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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