

Converting Colors

YUV(149.2380, -34.6273,
-0.2087)

Have a look what the booklet for
YUV(149.2380, -34.6273, -0.2087)
contains.

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Color

**YUV(149.2380, -34.6273,
-0.2087)**

Conversions

Conversions Part 1

Format	Color
Hex	95A34F
RGB	149, 163, 79
RGB Percent	58%, 64%, 31%
CMY	0.4157, 0.3608, 0.6902
CMYK	0.09, 0.00, 0.52, 0.36
HSL	70°, 35%, 47%
HSV	70°, 52%, 64%
XYZ	26.9029, 33.1485, 12.3775
YIQ	149.2380, 18.6200, -29.0920

Conversions

Conversions Part 2

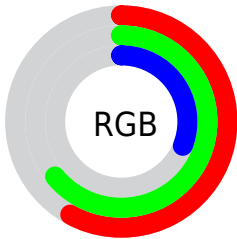
Format	Color
RYB	79, 163, 93
Decimal	9806671
CIELab	64.28, -17.75, 41.53
CIELCh	64, 45.165, 113.140
Yxy	33.1485, 0.3714, 0.4577
Android (android.graphics.Color)	4287996751 (0xFF95A34F)
YUV	149.2380, -34.6273, -0.2087
Hunter-Lab	57.5747, -17.3481, 27.5560

Details

The YUV color **149.2380, -34.6273, -0.2087** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **92.7620, 34.6273, 0.2087**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.0810, -36.5219, 0.8060**, and **97.1670, -33.6063, -1.0235** is the 20% darker color. If you saturate the color by 10%, you get **146.5170, -41.1739, -0.4534**, and if you desaturate by 10%, it is **151.9590, -28.0808, 0.0360**.

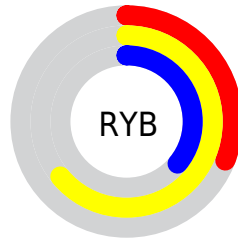
Distribution



Red (58%)

Green (64%)

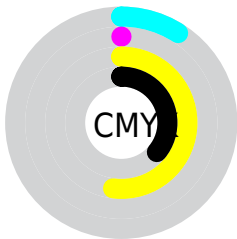
Blue (31%)



Red (31%)

Yellow (64%)

Blue (36%)

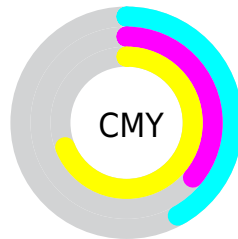


Cyan (9%)

Magenta (0%)

Yellow (52%)

Black (36%)



Cyan (42%)

Magenta (36%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.2380, -34.6273, -0.2087 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 149.2380, -34.6273, -0.2087 by changing the saturation by 10% instead.

■ 149.2380,
-34.6273, -0.2087

■ 149.2380,
-34.6273, -0.2087

■ 255.0000, 0.0000,
0.0000

■ 123.0530,
-34.0431, -0.9235

■ 204.0810,
-36.5219, 0.8060

■ 97.1670, -33.6063,
-1.0235

■ 231.9670,
-36.9587, 0.9059

■ 72.2980, -35.6429,
-1.1383

■ 246.9060,
-31.0127, 7.0984

■ 51.6210, -25.4492,
-4.0526

■ 250.2120,
-18.3455, 4.1991

■ 31.2320, -15.3974,
-8.0965

■ 253.4040, -6.1152,
1.3997

■ 13.5010, -6.6560,
-11.8404

■ 0.0000, 0.0000,

0.0000

■ 149.2380,
-34.6273, -0.2087

■ 149.2380,
-34.6273, -0.2087

■ 146.5170,
-41.1739, -0.4534

■ 151.9590,
-28.0808, 0.0360

■ 143.9810,
-48.3046, 0.0167

■ 154.4950,
-20.9500, -0.4341

■ 141.2600,
-54.8512, -0.2280

■ 157.2160,
-14.4035, -0.1894

■ 138.5390,
-61.3977, -0.4727

■ 159.9370, -7.8569,
0.0553

■ 136.3450,
-67.2181, -0.3026

■ 162.7720, -0.8736,
0.2000

■ 165.1940, 5.8204,
-0.1701

■ 167.9150, 12.3669,
0.0745

■ 170.6360, 18.9135,
0.3192

■ 173.1720, 26.0442,
-0.1508

Harmonies

Analogous

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



152.6980, -38.7981, 30.9599



149.2380, -34.6273, -0.2087



143.2470, -18.3628, -37.0506

Triad

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



149.2380, -34.6273, -0.2087



125.9300, 45.8835, -110.4406



158.8130, 4.0362, 58.9230

Complementary

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



149.2380, -34.6273, -0.2087



92.7620, 34.6273, 0.2087

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.



160.3440, 22.0154, 32.1473



149.2380, -34.6273, -0.2087



140.7100, 46.4850, -69.9057

Square

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



149.2380, -34.6273, -0.2087



124.5160, 30.3116, -109.2005



157.0380, 35.9703, -10.5573



156.5200, -15.0464, 66.1960

Rectangle

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



149.2380, -34.6273, -0.2087



134.7020, -1.8251, -68.1447



157.0380, 35.9703, -10.5573



159.9630, 9.8782, 51.7754

Sweetspot

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



149.2380, -34.6273, -0.2087



206.5580, -13.0931, -0.4894



112.3340, -16.4337, 44.4341



103.9370, -7.8569, 0.0553



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



149.2380, -34.6273, -0.2087



190.3740, -54.4144, -0.3280



136.9790, -28.5836, -25.4146



80.3760, -3.6364, -0.3298



121.2940, -59.7979, -0.2578



15.0510, -7.4201, -0.0447

Inverse Universe

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



92.7620, 34.6273, 0.2087



101.6260, 54.4144, 0.3280



105.3200, 28.4362, 26.0294



74.6240, 3.6364, 0.3298



23.7060, 59.7979, 0.2578



2.9490, 7.4201, 0.0447

Previews

White Background



This preview shows how the YUV color 149.2380, -34.6273, -0.2087 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 149.2380, -34.6273, -0.2087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

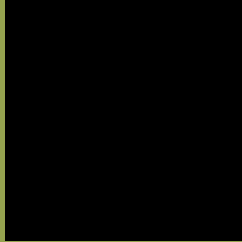
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 149.2380, -34.6273, -0.2087

Background



This preview shows how black text looks on a background with the YUV color 149.2380, -34.6273, -0.2087.



This preview shows how white text looks on a background with the YUV color 149.2380, -34.6273, -0.2087.

-0.2087.

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

149.2380, -34.6273, -0.2087

Protanopia

151.7780, -36.8656, 17.7347

Deuteranopia

153.4470, -34.7304, 32.9340



Tritanopia

156.8630, 4.5045, 1.8741

Trichromacy



Original Color

149.2380, -34.6273, -0.2087

Protanomaly

151.2610, -36.1177, 11.1721

Deuteranomaly

151.7830, -34.4030, 21.2383

Tritanomaly

153.7800, -9.7515, 1.0699

Monochromacy



Original Color

149.2380, -34.6273, -0.2087

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.0850, -12.3669, -0.0745

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.2380, -34.6273, -0.2087 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(149, 163, 79)` looks like.

```
.text, #text, p{  
    color:rgb(149, 163, 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(149, 163, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 163, 79) }
```

Border

The CSS property to change the border of an element to YUV 149.2380, -34.6273, -0.2087 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(149, 163, 79) }
```


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

```
.border{ border-color:rgb(149, 163, 79) }
```

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

Here you see how a box with a 4 pixel rgb(149, 163, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 163, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 163, 79);  
box-shadow:4px 4px 4px 4px rgb(149, 163,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 149.2380, -34.6273, -0.2087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 163, 79) }
```

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

```
.background{ background-color: rgb(149,  
163, 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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