

Converting Colors

YUV(154.9910, -36.4776,
33.3339)

Have a look what the booklet for
YUV(154.9910, -36.4776, 33.3339)
contains.

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Color

**YUV(154.9910, -36.4776,
33.3339)**

Conversions

Conversions Part 1

Format	Color
Hex	C19651
RGB	193, 150, 81
RGB Percent	76%, 59%, 32%
CMY	0.2431, 0.4118, 0.6824
CMYK	0.00, 0.22, 0.58, 0.24
HSL	37°, 47%, 54%
HSV	37°, 58%, 76%
XYZ	34.3839, 33.7442, 12.4856
YIQ	154.9910, 47.7770, -12.3430

Conversions

Conversions Part 2

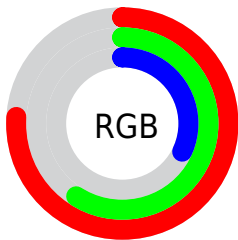
Format	Color
RYB	151, 193, 81
Decimal	12686929
CIELab	64.76, 8.17, 42.07
CIELCh	65, 42.859, 79.014
Yxy	33.7442, 0.4265, 0.4186
Android (android.graphics.Color)	4290877009 (0xFFC19651)
YUV	154.9910, -36.4776, 33.3339
Hunter-Lab	58.0898, 3.9986, 27.9192

Details

The YUV color **154.9910, -36.4776, 33.3339** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **119.0090, 36.4776, -33.3339**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.1440, -38.5250, 36.7077**, and **102.4250, -34.7195, 29.4453** is the 20% darker color. If you saturate the color by 10%, you get **148.7160, -42.7510, 38.8371**, and if you desaturate by 10%, it is **161.2660, -30.2041, 27.8307**.

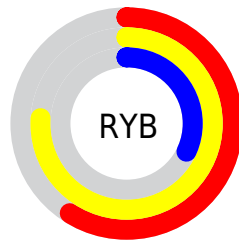
Distribution



Red (76%)

Green (59%)

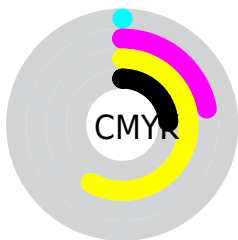
Blue (32%)



Red (59%)

Yellow (76%)

Blue (32%)

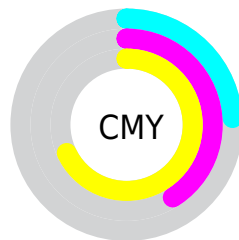


Cyan (0%)

Magenta (22%)

Yellow (58%)

Black (24%)



Cyan (24%)

Magenta (41%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.9910, -36.4776, 33.3339 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 154.9910, -36.4776, 33.3339 by changing the saturation by 10% instead.

■ 154.9910,
-36.4776, 33.3339

■ 154.9910,
-36.4776, 33.3339

■ 255.0000, 0.0000,
0.0000

■ 128.2080,
-35.5985, 31.3896

■ 210.1440,
-38.5250, 36.7077

■ 102.4250,
-34.7195, 29.4453

■ 230.5550,
-35.2766, 21.4383

■ 77.6590, -36.3139,
27.4861

■ 247.1340,
-30.1391, 6.8985

■ 55.9280, -27.5725,
23.7421

■ 250.3260,
-17.9087, 4.0991

■ 35.5280, -17.5153,
17.9539

■ 253.6320, -5.2416,
1.1997

■ 15.4380, -7.6109,
14.5249

■ 0.0000, 0.0000,

0.0000

■ 154.9910,
-36.4776, 33.3339

■ 154.9910,
-36.4776, 33.3339

■ 148.7160,
-42.7510, 38.8371

■ 161.2660,
-30.2041, 27.8307

■ 141.7400,
-49.1718, 44.9550

■ 168.2420,
-23.7833, 21.7128

■ 135.4650,
-55.4452, 50.4582

■ 174.5170,
-17.5099, 16.2096

■ 128.6030,
-61.4293, 56.4762

■ 181.3790,
-11.5258, 10.1916

■ 127.5600,
-62.8871, 57.3909

■ 187.7680, -4.8156,
4.5885

■ 194.0430, 1.4578,
-0.9147

■ 200.9050, 7.4418,
-6.9327

■ 207.1800, 13.7153,
-12.4359

■ 214.1560, 20.1361,
-18.5538

Harmonies

Analogous

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



156.8270, -27.5227, 54.5257



154.9910, -36.4776, 33.3339



151.3850, -34.2068, 4.9244

Triad

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



154.9910, -36.4776, 33.3339



124.5330, 27.8382, -109.2154



161.8270, 22.7633, 25.5847

Complementary

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



154.9910, -36.4776, 33.3339



119.0090, 36.4776, -33.3339

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.



156.8910, 35.5497, -15.6904



154.9910, -36.4776, 33.3339



125.9470, 43.4101, -110.4555

Square

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



154.9910, -36.4776, 33.3339



134.9340, 2.9905, -72.7331



141.2430, 44.7432, -71.2501



160.6490, 6.0890, 53.8048

Rectangle

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



154.9910, -36.4776, 33.3339



148.4190, -25.8426, -17.9075



141.2430, 44.7432, -71.2501



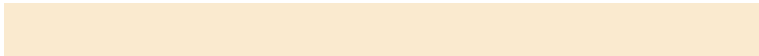
161.3030, 27.4586, 12.8893

Sweetspot

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



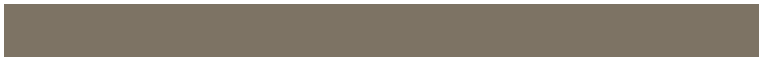
154.9910, -36.4776, 33.3339



235.7060, -14.1521, 12.5358



119.6180, 3.1463, 64.3560



116.2800, -8.0260, 7.6474



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



154.9910, -36.4776, 33.3339



190.7210, -57.0505, 51.9877



176.9430, -47.2999, 4.4350



93.5120, -3.2104, 3.0590



106.2520, -52.3822, 48.0140



21.6070, -10.6523, 9.9917

Inverse Universe

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



119.0090, 36.4776, -33.3339



134.2790, 57.0505, -51.9877



97.0570, 47.2999, -4.4350



90.4880, 3.2104, -3.0590



54.7480, 52.3822, -48.0140



11.3930, 10.6523, -9.9917

Previews

White Background



This preview shows how the YUV color 154.9910, -36.4776, 33.3339 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 154.9910, -36.4776, 33.3339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

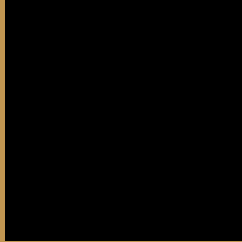
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 154.9910, -36.4776, 33.3339

Background



This preview shows how black text looks on a background with the YUV color 154.9910, -36.4776, 33.3339.



This preview shows how white text looks on a background with the YUV color 154.9910, -36.4776,

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

154.9910, -36.4776, 33.3339

Protanopia

153.4620, -34.2448, 17.1348

Deuteranopia

154.9910, -36.4776, 33.3339



Tritanopia

160.2970, -3.5974, 33.9425

Trichromacy



Original Color

154.9910, -36.4776, 33.3339

Protanomaly

153.6800, -34.8452, 23.0826

Deuteranomaly

154.9910, -36.4776, 33.3339

Tritanomaly

158.4960, -15.5275, 33.7680

Monochromacy



Original Color

154.9910, -36.4776, 33.3339

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

154.9340, -13.2785, 12.3359

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.9910, -36.4776, 33.3339 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(193, 150, 81)` looks like.

```
.text, #text, p{  
    color:rgb(193, 150, 81)  
}
```

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(193, 150, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 150, 81) }
```

Border

The CSS property to change the border of an element to YUV 154.9910, -36.4776, 33.3339 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(193, 150, 81) }
```


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

```
.border{ border-color:rgb(193, 150, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 150, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 150, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 150, 81);  
box-shadow:4px 4px 4px 4px rgb(193, 150,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 154.9910, -36.4776, 33.3339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 150, 81) }
```

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

```
.background{ background-color: rgb(193,  
150, 81) }
```

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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