

Converting Colors

YUV(154.5590, -64.8586,
36.3438)

Have a look what the booklet for
YUV(154.5590, -64.8586, 36.3438)
contains.

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Color

**YUV(154.5590, -64.8586,
36.3438)**

Conversions

Conversions Part 1

Format	Color
Hex	C49F17
RGB	196, 159, 23
RGB Percent	77%, 62%, 9%
CMY	0.2314, 0.3765, 0.9098
CMYK	0.00, 0.19, 0.88, 0.23
HSL	47°, 79%, 43%
HSV	47°, 88%, 77%
XYZ	35.3177, 36.5939, 6.0125
YIQ	154.5590, 65.7080, -34.4520

Conversions

Conversions Part 2

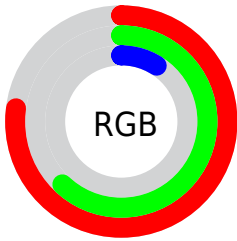
Format	Color
RYB	70, 196, 23
Decimal	12885783
CIELab	66.97, 1.83, 66.89
CIELCh	67, 66.919, 88.434
Yxy	36.5939, 0.4532, 0.4696
Android (android.graphics.Color)	4291075863 (0xFFC49F17)
YUV	154.5590, -64.8586, 36.3438
Hunter-Lab	60.4929, -1.6484, 36.4521

Details

The YUV color **154.5590, -64.8586, 36.3438** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **64.4410, 64.8586, -36.3438**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.8520, -62.5380, 38.7178**, and **104.3590, -51.4490, 28.6262** is the 20% darker color. If you saturate the color by 10%, you get **149.9310, -72.4370, 40.4025**, and if you desaturate by 10%, it is **159.1870, -57.2802, 32.2850**.

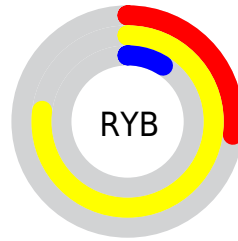
Distribution



Red (77%)

Green (62%)

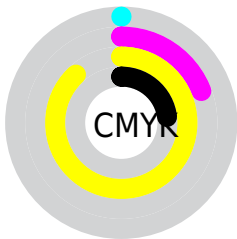
Blue (9%)



Red (27%)

Yellow (77%)

Blue (9%)

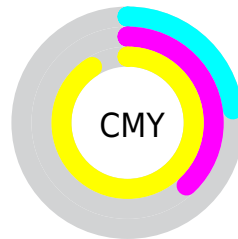


Cyan (0%)

Magenta (19%)

Yellow (88%)

Black (23%)



Cyan (23%)

Magenta (38%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.5590, -64.8586, 36.3438 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 154.5590, -64.8586, 36.3438 by changing the saturation by 10% instead.

■ 154.5590,
-64.8586, 36.3438

■ 154.5590,
-64.8586, 36.3438

■ 255.0000, 0.0000,
0.0000

■ 127.7050,
-62.9586, 33.5847

■ 210.8520,
-62.5380, 38.7178

■ 104.3590,
-51.4490, 28.6262

■ 231.0670,
-58.7000, 20.9892

■ 81.8990, -40.3762,
23.7676

■ 241.8900,
-50.2318, 11.4975

■ 60.0260, -29.5928,
18.3942

■ 245.0820,
-38.0014, 8.6981

■ 39.9250, -19.6830,
13.2208

■ 248.2740,
-25.7711, 5.8987

■ 21.0090, -10.3574,
8.7621

■ 251.5800,

■ 0.0000, 0.0000,

-13.1039, 2.9993

0.0000

254.8860, -0.4368,
0.1000

■ 154.5590,
-64.8586, 36.3438

■ 154.5590,
-64.8586, 36.3438

■ 149.9310,
-72.4370, 40.4025

■ 159.1870,
-57.2802, 32.2850

■ 149.0020,
-73.4580, 41.2172

■ 163.7010,
-50.1386, 28.3262

■ 168.9160,
-42.8496, 23.7527

■ 173.4300,
-35.7080, 19.7939

■ 178.0580,
-28.1296, 15.7351

■ 182.6860,
-20.5512, 11.6764

■ 187.2000,
-13.4096, 7.7176

■ 192.4150, -6.1206,
3.1440

■ 196.9290, 1.0210,
-0.8147

Harmonies

Analogous

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



158.2150, -49.4060, 73.4794



154.5590, -64.8586, 36.3438



149.4050, -51.4717, -10.8792

Triad

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



154.5590, -64.8586, 36.3438



137.0830, 40.3851, -120.2218



167.1590, 29.5016, 57.7426

Complementary

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



154.5590, -64.8586, 36.3438



64.4410, 64.8586, -36.3438

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.



162.8890, 45.4107, -5.1647



154.5590, -64.8586, 36.3438



137.6650, 57.8462, -120.7322

Square

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



154.5590, -64.8586, 36.3438



130.1290, 13.7404, -114.1231



129.4470, 61.8976, -113.5250



157.1460, 5.8440, 85.8180

Rectangle

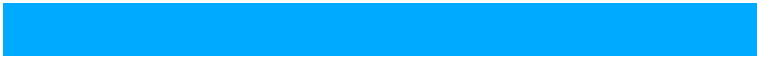
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



154.5590, -64.8586, 36.3438



142.0160, -31.5599, -50.8800



129.4470, 61.8976, -113.5250



167.5140, 37.7076, 39.0142

Sweetspot

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



154.5590, -64.8586, 36.3438



239.2580, -24.7772, 13.8057



78.9450, -9.3399, 102.6572



118.1570, -14.8674, 8.6323



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



154.5590, -64.8586, 36.3438



193.6450, -95.4670, 53.8083



161.6270, -68.3431, -12.8279



94.6860, -3.7892, 2.0294



122.1010, -60.1958, 34.1144



25.1290, -12.3886, 6.9029

Inverse Universe

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



64.4410, 64.8586, -36.3438



61.3550, 95.4670, -53.8083



57.3730, 68.3431, 12.8279



89.3140, 3.7892, -2.0294



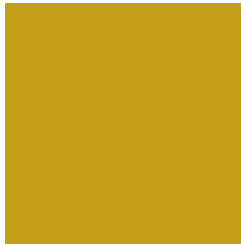
38.3120, 60.4852, -33.5996



7.8710, 12.3886, -6.9029

Previews

White Background



This preview shows how the YUV color 154.5590, -64.8586, 36.3438 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 154.5590, -64.8586, 36.3438 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 154.5590, -64.8586, 36.3438

Background



This preview shows how black text looks on a background with the YUV color 154.5590, -64.8586, 36.3438.



This preview shows how white text looks on a background with the YUV color 154.5590, -64.8586, 36.3438.

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

154.5590, -64.8586, 36.3438

Protanopia

154.0200, -64.0999, 26.2925

Deuteranopia

155.6570, -63.4279, 44.1508



Tritanopia

165.9980, -3.4500, 33.3278

Trichromacy



Original Color

154.5590, -64.8586, 36.3438

Protanomaly

154.0420, -64.1107, 29.7812

Deuteranomaly

154.9340, -63.5645, 41.2769

Tritanomaly

161.8630, -25.5685, 34.3231

Monochromacy



Original Color

154.5590, -64.8586, 36.3438

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

154.6000, -23.4668, 13.5058

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.5590, -64.8586, 36.3438 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(196, 159, 23)` looks like.

```
.text, #text, p{  
    color:rgb(196, 159, 23)  
}
```

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(196, 159, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 159, 23) }
```

Border

The CSS property to change the border of an element to YUV 154.5590, -64.8586, 36.3438 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(196, 159, 23) }
```


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

```
.border{ border-color:rgb(196, 159, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 159, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 159, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 159, 23);  
box-shadow:4px 4px 4px 4px rgb(196, 159,  
23) }
```

Background

The CSS property to change the background color of an element to YUV 154.5590, -64.8586, 36.3438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 159, 23) }
```

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

```
.background{ background-color: rgb(196,  
159, 23) }
```

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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