

Converting Colors

YUV(174.1320, -67.1131,
59.5202)

Have a look what the booklet for
YUV(174.1320, -67.1131, 59.5202)
contains.

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Color

**YUV(174.1320, -67.1131,
59.5202)**

Conversions

Conversions Part 1

Format	Color
Hex	F2A626
RGB	242, 166, 38
RGB Percent	95%, 65%, 15%
CMY	0.0510, 0.3490, 0.8510
CMYK	0.00, 0.31, 0.84, 0.05
HSL	38°, 89%, 55%
HSV	38°, 84%, 95%
XYZ	50.6040, 46.2896, 8.1014
YIQ	174.1320, 86.3840, -23.6960

Conversions

Conversions Part 2

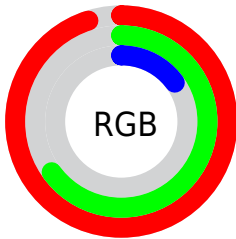
Format	Color
RYB	159, 242, 38
Decimal	15902246
CIELab	73.73, 18.47, 70.59
CIElCh	74, 72.968, 75.341
Yxy	46.2896, 0.4820, 0.4409
Android (android.graphics.Color)	4294092326 (0xFFFF2A626)
YUV	174.1320, -67.1131, 59.5202
Hunter-Lab	68.0365, 13.7005, 40.5656

Details

The YUV color **174.1320, -67.1131, 59.5202** is a light color, and the websafe version is hex **CC9900**. The color can be described as light washed orange. A complement of this color would be **105.8680, 67.1131, -59.5202**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.9160, -59.6116, 33.3997**, and **120.7380, -59.5238, 51.9728** is the 20% darker color. If you saturate the color by 10%, you get **166.1130, -74.9917, 66.5529**, and if you desaturate by 10%, it is **182.1510, -59.2344, 52.4876**.

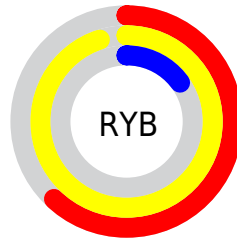
Distribution



Red (95%)

Green (65%)

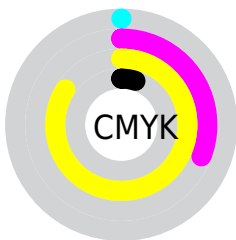
Blue (15%)



Red (62%)

Yellow (95%)

Blue (15%)

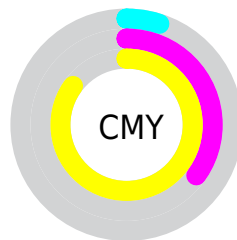


Cyan (0%)

Magenta (31%)

Yellow (84%)

Black (5%)



Cyan (5%)

Magenta (35%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.1320, -67.1131, 59.5202 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 174.1320, -67.1131, 59.5202 by changing the saturation by 10% instead.

174.1320,
-67.1131, 59.5202

174.1320,
-67.1131, 59.5202

255.0000, 0.0000,
0.0000

145.2690,
-71.6176, 57.6461

216.9160,
-59.6116, 33.3997

120.7380,
-59.5238, 51.9728

236.5440,
-55.4842, 16.1859

97.6800, -48.1562,
45.8846

243.2580,
-44.9902, 10.2977

74.9210, -36.9361,
40.4113

246.4500,
-32.7599, 7.4983

53.3360, -26.2946,
33.9083

249.7560,
-20.0927, 4.5990

32.6370, -16.0900,
27.5054

253.0620, -7.4256,

11.9600, -5.8963,

1.6996

24.5911

■ 0.0000, 0.0000,
0.0000

■ 174.1320,
-67.1131, 59.5202

■ 174.1320,
-67.1131, 59.5202

■ 166.1130,
-74.9917, 66.5529

■ 182.1510,
-59.2344, 52.4876

■ 161.5820,
-79.6599, 70.5266

■ 190.1700,
-51.3558, 45.4549

■ 198.3030,
-43.0404, 38.3223

■ 206.3220,
-35.1617, 31.2896

■ 214.3410,
-27.2831, 24.2569

■ 222.3600,
-19.4045, 17.2243

■ 230.3790,
-11.5258, 10.1916

■ 238.5120, -3.2104,
3.0590

■ 246.4170, 4.2314,
-3.8737

Harmonies

Analogous

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



167.2830, -39.0865, 76.9278



174.1320, -67.1131, 59.5202



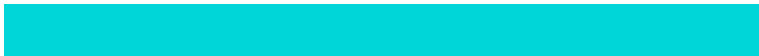
168.7810, -68.4190, 11.5931

Triad

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



174.1320, -67.1131, 59.5202



149.5410, 32.2713, -131.1475



184.1180, 34.9448, 38.4845

Complementary

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



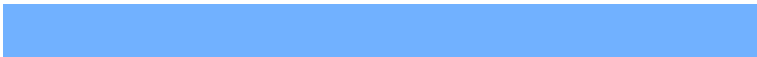
174.1320, -67.1131, 59.5202



105.8680, 67.1131, -59.5202

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.



166.7560, 43.5043, -47.1440



174.1320, -67.1131, 59.5202



151.7530, 50.9008, -133.0874

Square

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



174.1320, -67.1131, 59.5202



140.3870, 2.2742, -123.1194



145.2960, 54.0841, -127.4246



172.0100, 22.1801, 72.7822

Rectangle

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



174.1320, -67.1131, 59.5202



163.8330, -50.6967, -26.1635



145.2960, 54.0841, -127.4246



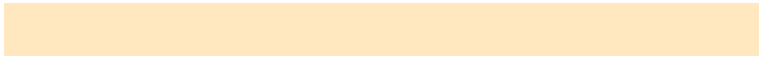
181.0180, 36.4731, 14.8932

Sweetspot

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



174.1320, -67.1131, 59.5202



233.6160, -21.0097, 18.7538



107.8880, 3.9992, 117.6162



114.7490, -12.6943, 11.6211



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.



174.1320, -67.1131, 59.5202



170.1650, -83.8913, 74.4003



211.5680, -85.5690, 5.6409



115.6970, -3.7946, 3.7737



122.5210, -60.4029, 53.9171



37.2890, -18.3835, 16.4095

Inverse Universe

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



105.8680, 67.1131, -59.5202



84.8350, 83.8913, -74.4003



68.4320, 85.5690, -5.6409



111.7160, 4.0840, -3.2589



60.8920, 60.6922, -53.4023



18.7110, 18.3835, -16.4095

Previews

White Background



This preview shows how the YUV color 174.1320, -67.1131, 59.5202 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 174.1320, -67.1131, 59.5202 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 174.1320, -67.1131, 59.5202 Background



This preview shows how black text looks on a background with the YUV color 174.1320, -67.1131, 59.5202.



This preview shows how white text looks on a background with the YUV color 174.1320, -67.1131,

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

174.1320, -67.1131, 59.5202

Protanopia

172.6180, -64.3947, 27.5220

Deuteranopia

173.3110, -68.6803, 48.8393



Tritanopia

184.3600, -9.0515, 56.6893

Trichromacy



Original Color

174.1320, -67.1131, 59.5202

Protanomaly

173.1680, -65.1588, 39.3177

Deuteranomaly

173.7460, -68.4018, 52.8428

Tritanomaly

180.4530, -30.2963, 57.4847

Monochromacy



Original Color

174.1320, -67.1131, 59.5202

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

174.1280, -24.2201, 21.8127

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.1320, -67.1131, 59.5202 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(242, 166, 38)` looks like.

```
.text, #text, p{  
    color:rgb(242, 166, 38)  
}
```

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(242, 166, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 166, 38) }
```

Border

The CSS property to change the border of an element to YUV 174.1320, -67.1131, 59.5202 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(242, 166, 38) }
```


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

```
.border{ border-color:rgb(242, 166, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 166, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 166, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 166, 38);  
box-shadow:4px 4px 4px 4px rgb(242, 166,  
38) }
```

Background

The CSS property to change the background color of an element to YUV 174.1320, -67.1131, 59.5202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 166, 38) }
```

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

```
.background{ background-color: rgb(242,  
166, 38) }
```

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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