

Converting Colors

YUV(174.0200, -40.4359,
42.9555)

Have a look what the booklet for
YUV(174.0200, -40.4359, 42.9555)
contains.

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Color

**YUV(174.0200, -40.4359,
42.9555)**

Conversions

Conversions Part 1

Format	Color
Hex	DFA55C
RGB	223, 165, 92
RGB Percent	87%, 65%, 36%
CMY	0.1255, 0.3529, 0.6392
CMYK	0.00, 0.26, 0.59, 0.13
HSL	33°, 67%, 62%
HSV	33°, 59%, 87%
XYZ	45.8183, 43.3709, 16.0818
YIQ	174.0200, 58.0010, -10.4070

Conversions

Conversions Part 2

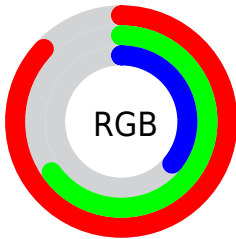
Format	Color
RYB	196, 223, 92
Decimal	14656860
CIELab	71.81, 13.57, 45.67
CIELCh	72, 47.644, 73.450
Yxy	43.3709, 0.4352, 0.4120
Android (android.graphics.Color)	4292846940 (0xFFDFA55C)
YUV	174.0200, -40.4359, 42.9555
Hunter-Lab	65.8566, 8.9384, 31.6214

Details

The YUV color **174.0200, -40.4359, 42.9555** is a light color, and the websafe version is hex **CC9966**. The color can be described as light muted orange. A complement of this color would be **140.9800, 40.4359, -42.9555**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.8010, -38.3559, 29.1155**, and **120.1550, -38.5304, 38.4521** is the 20% darker color. If you saturate the color by 10%, you get **165.6420, -47.1515, 50.3030**, and if you desaturate by 10%, it is **182.3980, -33.7202, 35.6080**.

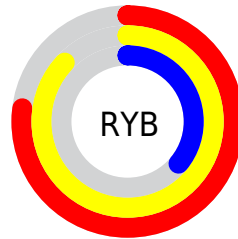
Distribution



Red (87%)

Green (65%)

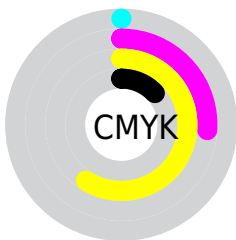
Blue (36%)



Red (77%)

Yellow (87%)

Blue (36%)

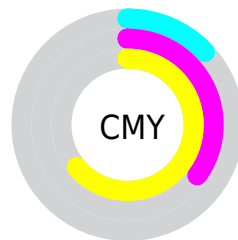


Cyan (0%)

Magenta (26%)

Yellow (59%)

Black (13%)



Cyan (13%)

Magenta (35%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.0200, -40.4359, 42.9555 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 174.0200, -40.4359, 42.9555 by changing the saturation by 10% instead.

174.0200,
-40.4359, 42.9555

174.0200,
-40.4359, 42.9555

255.0000, 0.0000,
0.0000

146.9380,
-39.4094, 40.3964

221.8010,
-38.3559, 29.1155

120.1550,
-38.5304, 38.4521

241.3150,
-34.6653, 12.0017

94.7310, -38.8144,
36.1929

248.6160,
-24.4607, 5.5988

70.4470, -34.7304,
32.9340

251.8080,
-12.2303, 2.7994

49.4600, -24.3838,
27.6606

29.6470, -14.6160,
21.3576

9.2690, -4.5696,

19.0581

■ 0.0000, 0.0000,
0.0000

■ 174.0200,
-40.4359, 42.9555

■ 174.0200,
-40.4359, 42.9555

■ 165.6420,
-47.1515, 50.3030

■ 182.3980,
-33.7202, 35.6080

■ 157.1500,
-54.3039, 57.7505

■ 190.8900,
-26.5678, 28.1605

■ 148.7720,
-61.0196, 65.0980

■ 199.2680,
-19.8521, 20.8130

■ 140.9810,
-68.0246, 71.9307

■ 207.0590,
-12.8471, 13.9803

■ 139.4650,
-68.7562, 73.2602

■ 215.5510, -5.6946,
6.5328

■ 223.9290, 1.0210,
-0.8147

■ 232.3070, 7.7366,
-8.1622

■ 238.9750, 7.9003,
-14.0101

■ 244.8450, 5.0064,
-19.1581

Harmonies

Analogous

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



176.2520, -28.7182, 64.6770



174.0200, -40.4359, 42.9555



170.8220, -40.3382, 11.5571

Triad

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



174.0200, -40.4359, 42.9555



138.4560, 27.8762, -121.4259



180.7000, 28.7419, 21.3111

Complementary

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



174.0200, -40.4359, 42.9555



140.9800, 40.4359, -42.9555

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.



173.3670, 40.2451, -28.3859



174.0200, -40.4359, 42.9555



141.8420, 45.9269, -124.3954

Square

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



174.0200, -40.4359, 42.9555



154.2670, -2.1036, -72.1482



146.9120, 53.2874, -105.1628



179.9250, 10.8830, 56.1938

Rectangle

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



174.0200, -40.4359, 42.9555



166.7310, -32.4054, -12.9191



146.9120, 53.2874, -105.1628



179.6810, 34.1743, 5.5418

Sweetspot

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



174.0200, -40.4359, 42.9555



238.0160, -14.3049, 14.8950



137.8950, 6.4608, 74.6371



117.0630, -8.9051, 9.5917



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.



174.0200, -40.4359, 42.9555



188.3350, -54.8882, 58.4652



205.9730, -56.1887, 8.7937



107.8110, -3.3578, 3.6738



110.1500, -54.3039, 57.7505



30.2010, -14.8891, 15.6097

Inverse Universe

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



140.9800, 40.4359, -42.9555



143.6650, 54.8882, -58.4652



109.0270, 56.1887, -8.7937



105.1890, 3.3578, -3.6738



65.8500, 54.3040, -57.7504



17.7990, 14.8891, -15.6097

Previews

White Background



This preview shows how the YUV color 174.0200, -40.4359, 42.9555 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 174.0200, -40.4359, 42.9555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

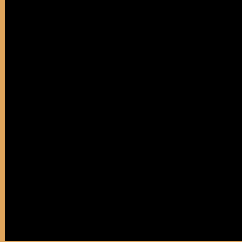
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 174.0200, -40.4359, 42.9555

Background



This preview shows how black text looks on a background with the YUV color 174.0200, -40.4359, 42.9555.



This preview shows how white text looks on a background with the YUV color 174.0200, -40.4359, 42.9555.

42.9555.

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

174.0200, -40.4359, 42.9555

Protanopia

172.2620, -37.5972, 19.0642

Deuteranopia

173.5740, -40.7090, 37.2076



Tritanopia

179.1950, -5.5191, 43.6790

Trichromacy



Original Color

174.0200, -40.4359, 42.9555

Protanomaly

173.0890, -38.4979, 27.9859

Deuteranomaly

173.8840, -40.8618, 39.5667

Tritanomaly

177.1660, -18.3228, 43.7044

Monochromacy



Original Color

174.0200, -40.4359, 42.9555

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

174.2010, -14.8891, 15.6097

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.0200, -40.4359, 42.9555 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(223, 165, 92)` looks like.

```
.text, #text, p{  
    color:rgb(223, 165, 92)  
}
```

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(223, 165, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 165, 92) }
```

Border

The CSS property to change the border of an element to YUV 174.0200, -40.4359, 42.9555 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(223, 165, 92) }
```


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

```
.border{ border-color:rgb(223, 165, 92) }
```

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

Here you see how a box with a 4 pixel rgb(223, 165, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 165, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 165, 92);  
box-shadow:4px 4px 4px 4px rgb(223, 165,  
92) }
```

Background

The CSS property to change the background color of an element to YUV 174.0200, -40.4359, 42.9555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 165, 92) }
```

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

```
.background{ background-color: rgb(223,  
165, 92) }
```

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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