

Converting Colors

YUV(174.3770, -35.1889,
40.0114)

Have a look what the booklet for
YUV(174.3770, -35.1889, 40.0114)
contains.

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Color

**YUV(174.3770, -35.1889,
40.0114)**

Conversions

Conversions Part 1

Format	Color
Hex	DCA567
RGB	220, 165, 103
RGB Percent	86%, 65%, 40%
CMY	0.1373, 0.3529, 0.5961
CMYK	0.00, 0.25, 0.53, 0.14
HSL	32°, 63%, 63%
HSV	32°, 53%, 86%
XYZ	45.4185, 43.1052, 18.7583
YIQ	174.3770, 52.6820, -7.6220

Conversions

Conversions Part 2

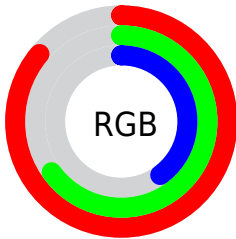
Format	Color
R_{YB}	207, 220, 103
Decimal	14460263
CIE _{Lab}	71.63, 13.20, 39.79
CIE _{LCh}	72, 41.927, 71.645
Yxy	43.1052, 0.4234, 0.4018
Android (android.graphics.Color)	4292650343 (0xFFDCA567)
YUV	174.3770, -35.1889, 40.0114
Hunter-Lab	65.6545, 8.5873, 29.0183

Details

The YUV color **174.3770, -35.1889, 40.0114** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **148.6230, 35.1889, -40.0114**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.0550, -33.5511, 28.0158**, and **120.9250, -32.9940, 36.0228** is the 20% darker color. If you saturate the color by 10%, you get **165.9990, -41.9045, 47.3589**, and if you desaturate by 10%, it is **182.7550, -28.4732, 32.6639**.

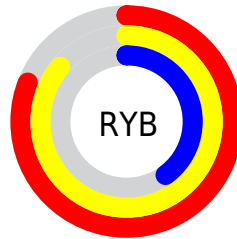
Distribution



Red (86%)

Green (65%)

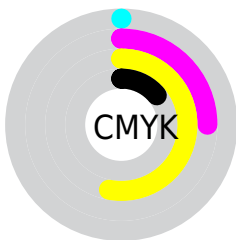
Blue (40%)



Red (81%)

Yellow (86%)

Blue (40%)

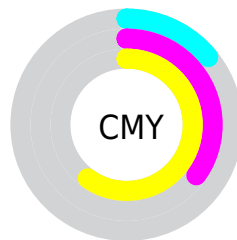


Cyan (0%)

Magenta (25%)

Yellow (53%)

Black (14%)



Cyan (14%)

Magenta (35%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.3770, -35.1889, 40.0114 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 174.3770, -35.1889, 40.0114 by changing the saturation by 10% instead.

■ 174.3770,
-35.1889, 40.0114

■ 174.3770,
-35.1889, 40.0114

255.0000, 0.0000,
0.0000

■ 147.5940,
-34.3098, 38.0671

■ 223.0550,
-33.5511, 28.0158

■ 120.9250,
-32.9940, 36.0228

■ 243.1560,
-30.1499, 10.3872

■ 95.7290, -32.4044,
33.5637

■ 249.8700,
-19.6559, 4.4990

■ 70.3050, -32.6884,
31.3045

■ 253.1760, -6.9888,
1.5996

■ 49.1610, -24.2364,
27.0458

■ 29.0600, -14.3266,
21.8724

■ 8.9700, -4.4222,

18.4433

■ 0.0000, 0.0000,
0.0000

■ 174.3770,
-35.1889, 40.0114

■ 174.3770,
-35.1889, 40.0114

■ 165.9990,
-41.9045, 47.3589

■ 182.7550,
-28.4732, 32.6639

■ 157.0340,
-48.3308, 55.2212

■ 191.7200,
-22.0470, 24.8016

■ 148.6560,
-55.0464, 62.5687

■ 200.0980,
-15.3313, 17.4541

■ 140.2780,
-61.7621, 69.9162

■ 208.4760, -8.6157,
10.1065

■ 134.4590,
-66.2883, 75.0195

■ 217.4410, -2.1894,
2.2442

■ 225.8190, 4.5262,
-5.1033

■ 233.9690, 10.3683,
-12.2508

■ 240.4260, 7.1850,
-17.9136

■ 244.5350, 5.1592,
-21.5172

Harmonies

Analogous

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



176.2450, -24.7708, 58.5441



174.3770, -35.1889, 40.0114



171.0870, -35.5389, 12.2017

Triad

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



174.3770, -35.1889, 40.0114



138.5060, 25.3865, -116.2078



179.9830, 26.1374, 16.6779

Complementary

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



174.3770, -35.1889, 40.0114



148.6230, 35.1889, -40.0114

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.



173.3950, 37.7663, -26.6564



174.3770, -35.1889, 40.0114



138.9410, 42.4271, -121.8513

Square

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



174.3770, -35.1889, 40.0114



158.7850, -4.3310, -57.6934



157.9710, 43.8913, -78.0276



179.9410, 9.8891, 48.2867

Rectangle

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



174.3770, -35.1889, 40.0114



168.2630, -29.2167, -9.0007



157.9710, 43.8913, -78.0276



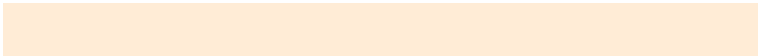
178.7470, 30.6907, 2.8529

Sweetspot

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



174.3770, -35.1889, 40.0114



239.1730, -12.4103, 13.8803



144.4810, 7.6509, 66.2302



118.1060, -7.4473, 8.6770



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.



174.3770, -35.1889, 40.0114



191.2190, -48.9150, 55.9359



206.0640, -50.8106, 10.4679



105.2240, -3.0684, 4.1886



105.7310, -52.1254, 58.9949



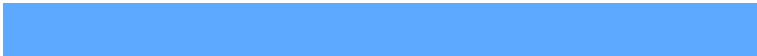
27.8420, -13.7261, 15.9246

Inverse Universe

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



148.6230, 35.1889, -40.0114



155.7810, 48.9150, -55.9359



116.9360, 50.8106, -10.4679



103.1890, 3.3578, -3.6738



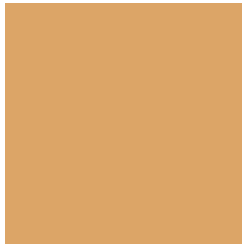
67.8560, 51.8360, -59.5097



18.1580, 13.7261, -15.9246

Previews

White Background



This preview shows how the YUV color 174.3770, -35.1889, 40.0114 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 174.3770, -35.1889, 40.0114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

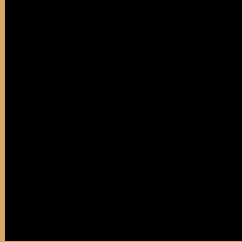
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 174.3770, -35.1889, 40.0114

Background



This preview shows how black text looks on a background with the YUV color 174.3770, -35.1889, 40.0114.



This preview shows how white text looks on a background with the YUV color 174.3770, -35.1889,

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

174.3770, -35.1889, 40.0114

Protanopia

172.9180, -32.4976, 16.7349

Deuteranopia

174.2300, -35.6094, 34.8783



Tritanopia

178.9990, -4.9295, 41.2199

Trichromacy



Original Color

174.3770, -35.1889, 40.0114

Protanomaly

173.4460, -33.2509, 25.0419

Deuteranomaly

174.2410, -35.6148, 36.6226

Tritanomaly

177.4260, -15.9860, 40.8454

Monochromacy



Original Color

174.3770, -35.1889, 40.0114

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

174.3580, -12.9945, 14.5950

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.3770, -35.1889, 40.0114 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(220, 165, 103)` looks like.

```
.text, #text, p{  
    color:rgb(220, 165, 103)  
}
```

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(220, 165, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 165, 103) }
```

Border

The CSS property to change the border of an element to YUV 174.3770, -35.1889, 40.0114 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(220, 165, 103) }
```


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

```
.border{ border-color:rgb(220, 165, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 165, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 165, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 165, 103);  
box-shadow:4px 4px 4px 4px rgb(220, 165,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 174.3770, -35.1889, 40.0114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 165, 103) }
```

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

```
.background{ background-color: rgb(220,  
165, 103) }
```

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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