

Converting Colors

YUV(173.5390, -34.2827,
29.3453)

Have a look what the booklet for
YUV(173.5390, -34.2827, 29.3453)
contains.

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Color

**YUV(173.5390, -34.2827,
29.3453)**

Conversions

Conversions Part 1

Format	Color
Hex	CFAA68
RGB	207, 170, 104
RGB Percent	81%, 67%, 41%
CMY	0.1882, 0.3333, 0.5922
CMYK	0.00, 0.18, 0.50, 0.19
HSL	38°, 52%, 61%
HSV	38°, 50%, 81%
XYZ	42.6055, 43.0143, 19.1537
YIQ	173.5390, 43.2380, -12.6820

Conversions

Conversions Part 2

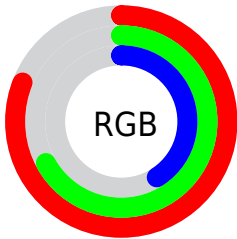
Format	Color
RYB	162, 207, 104
Decimal	13609576
CIELab	71.56, 5.23, 38.91
CIElCh	72, 39.260, 82.351
Yxy	43.0143, 0.4066, 0.4105
Android (android.graphics.Color)	4291799656 (0xFFCFAA68)
YUV	173.5390, -34.2827, 29.3453
Hunter-Lab	65.5853, 1.1829, 28.5945

Details

The YUV color **173.5390, -34.2827, 29.3453** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **137.4610, 34.2827, -29.3453**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.1040, -34.5613, 25.3418**, and **120.3860, -32.2353, 25.9715** is the 20% darker color. If you saturate the color by 10%, you get **167.0360, -41.4297, 35.0484**, and if you desaturate by 10%, it is **180.0420, -27.1357, 23.6422**.

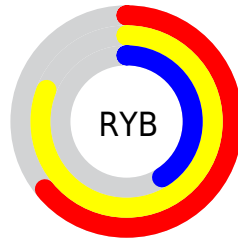
Distribution



Red (81%)

Green (67%)

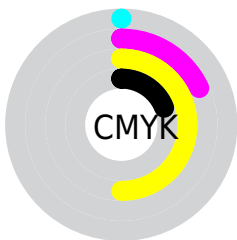
Blue (41%)



Red (64%)

Yellow (81%)

Blue (41%)

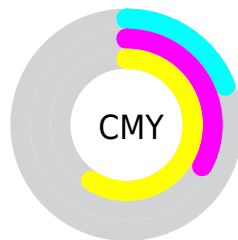


Cyan (0%)

Magenta (18%)

Yellow (50%)

Black (19%)



Cyan (19%)

Magenta (33%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.5390, -34.2827, 29.3453 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 173.5390, -34.2827, 29.3453 by changing the saturation by 10% instead.

■ 173.5390,
-34.2827, 29.3453

■ 173.5390,
-34.2827, 29.3453

255.0000, 0.0000,
0.0000

■ 146.7560,
-33.4037, 27.4010

■ 226.1040,
-34.5613, 25.3418

■ 120.3860,
-32.2353, 25.9715

■ 246.3190,
-30.7233, 7.6132

■ 94.9020, -31.5037,
24.6419

■ 249.9840,
-19.2191, 4.3990

■ 70.3640, -32.2245,
22.4828

■ 253.2900, -6.5520,
1.4997

■ 49.4050, -24.3567,
18.9388

■ 29.3040, -14.4469,
13.7654

■ 6.5670, -3.2375,

11.7807

■ 0.0000, 0.0000,
0.0000

■ 173.5390,
-34.2827, 29.3453

■ 173.5390,
-34.2827, 29.3453

■ 167.0360,
-41.4297, 35.0484

■ 180.0420,
-27.1357, 23.6422

■ 160.0600,
-47.8506, 41.1664

■ 187.0180,
-20.7149, 17.5242

■ 153.5570,
-54.9976, 46.8695

■ 193.5210,
-13.5679, 11.8211

■ 146.4670,
-61.8552, 53.0874

■ 200.6110, -6.7102,
5.6032

■ 140.0780,
-68.5655, 58.6906

■ 207.1140, 0.4368,
-0.1000

■ 139.9640,
-69.0023, 58.7906

■ 214.0900, 6.8576,
-6.2179

■ 220.5930, 14.0047,
-11.9211

■ 225.3860, 14.5997,
-16.1245

■ 230.0820, 12.2846,
-20.2429

Harmonies

Analogous

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



176.0930, -27.6538, 49.9074



173.5390, -34.2827, 29.3453



169.9870, -30.5596, 1.7654

Triad

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



173.5390, -34.2827, 29.3453



142.7720, 28.7064, -107.6710



180.5130, 18.9741, 27.6141

Complementary

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



173.5390, -34.2827, 29.3453



137.4610, 34.2827, -29.3453

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.



176.3110, 31.8917, -9.0427



173.5390, -34.2827, 29.3453



148.6280, 40.6094, -98.7748

Square

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



173.5390, -34.2827, 29.3453



157.2060, 3.8424, -65.9557



166.5720, 39.1580, -53.1216



179.2420, 3.3317, 51.5308

Rectangle

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



173.5390, -34.2827, 29.3453



166.9180, -22.6376, -19.2221



166.5720, 39.1580, -53.1216



179.7010, 23.8114, 16.0482

Sweetspot

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



173.5390, -34.2827, 29.3453



242.4500, -12.5468, 11.0064



139.1290, 1.4154, 59.5229



120.0950, -7.4418, 6.9327



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.



173.5390, -34.2827, 29.3453



205.2730, -50.9136, 43.6106



191.0720, -42.9265, 1.6909



101.3980, -3.6472, 3.1590



113.6280, -56.0186, 47.6842



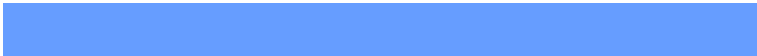
27.5210, -13.5679, 11.8211

Inverse Universe

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



137.4610, 34.2827, -29.3453



151.7270, 50.9136, -43.6106



119.9280, 42.9265, -1.6909



97.6020, 3.6472, -3.1590



54.3720, 56.0186, -47.6842



13.4790, 13.5679, -11.8211

Previews

White Background



This preview shows how the YUV color 173.5390, -34.2827, 29.3453 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 173.5390, -34.2827, 29.3453 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 173.5390, -34.2827, 29.3453

Background



This preview shows how black text looks on a background with the YUV color 173.5390, -34.2827, 29.3453.



This preview shows how white text looks on a background with the YUV color 173.5390, -34.2827, 29.3453.

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

173.5390, -34.2827, 29.3453

Protanopia

172.8040, -32.9344, 16.8349

Deuteranopia

174.2730, -34.1516, 33.9636



Tritanopia

178.6170, -2.2762, 30.1539

Trichromacy



Original Color

173.5390, -34.2827, 29.3453

Protanomaly

173.0110, -33.5294, 21.0384

Deuteranomaly

174.2620, -34.1462, 32.2192

Tritanomaly

176.9300, -13.7695, 29.8794

Monochromacy



Original Color

173.5390, -34.2827, 29.3453

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

174.1510, -12.3994, 10.3916

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.5390, -34.2827, 29.3453 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(207, 170, 104)` looks like.

```
.text, #text, p{  
    color:rgb(207, 170, 104)  
}
```

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(207, 170, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 170, 104) }
```

Border

The CSS property to change the border of an element to YUV 173.5390, -34.2827, 29.3453 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(207, 170, 104) }
```


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

```
.border{ border-color:rgb(207, 170, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 170, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 170, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 170, 104);  
box-shadow:4px 4px 4px 4px rgb(207, 170,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 173.5390, -34.2827, 29.3453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 170, 104) }
```

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

```
.background{ background-color: rgb(207,  
170, 104) }
```

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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