

Converting Colors

YUV(154.0070, -13.8075,
42.0899)

Have a look what the booklet for
YUV(154.0070, -13.8075, 42.0899)
contains.

YUV(154.0070, -13.8075, 42.0899)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(154.0070, -13.8075,
42.0899)**

Conversions

Conversions Part 1

Format	Color
Hex	CA877E
RGB	202, 135, 126
RGB Percent	79%, 53%, 49%
CMY	0.2078, 0.4706, 0.5059
CMYK	0.00, 0.33, 0.38, 0.21
HSL	7°, 42%, 64%
HSV	7°, 38%, 79%
XYZ	36.7870, 31.3909, 23.8588
YIQ	154.0070, 42.8210, 11.4050

Conversions

Conversions Part 2

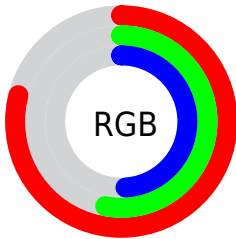
Format	Color
R _Y B	202, 136, 126
Decimal	13272958
CIE Lab	62.84, 24.57, 15.35
CIE LCh	63, 28.970, 31.994
Yxy	31.3909, 0.3997, 0.3411
Android (android.graphics.Color)	4291463038 (0xFFCA877E)
YUV	154.0070, -13.8075, 42.0899
Hunter-Lab	56.0275, 19.1527, 13.9712

Details

The YUV color **154.0070, -13.8075, 42.0899** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **173.9930, 13.8075, -42.0899**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.5940, -14.0968, 41.5751**, and **102.3270, -12.4862, 38.3012** is the 20% darker color. If you saturate the color by 10%, you get **141.1610, -17.3344, 53.3558**, and if you desaturate by 10%, it is **166.8530, -10.2805, 30.8239**.

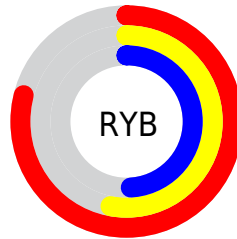
Distribution



Red (79%)

Green (53%)

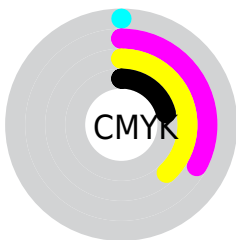
Blue (49%)



Red (79%)

Yellow (53%)

Blue (49%)

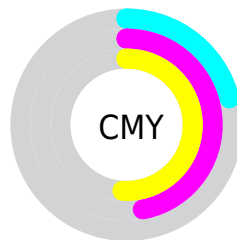


Cyan (0%)

Magenta (33%)

Yellow (38%)

Black (21%)



Cyan (21%)

Magenta (47%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.0070, -13.8075, 42.0899 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 154.0070, -13.8075, 42.0899 by changing the saturation by 10% instead.

■ 154.0070,
-13.8075, 42.0899

■ 154.0070,
-13.8075, 42.0899

■ 255.0000, 0.0000,
0.0000

■ 127.5230,
-13.0758, 40.7603

■ 207.5940,
-14.0968, 41.5751

■ 102.3270,
-12.4862, 38.3012

■ 227.1080,
-10.4062, 24.4613

■ 77.5440, -11.6072,
36.3569

■ 246.7360, -6.2788,
7.2475

■ 53.5760, -10.1440,
33.6978

■ 30.0920, -9.4124,
32.3683

■ 12.8570, -6.3385,
26.4354

■ 0.0000, 0.0000,

0.0000

■ 154.0070,
-13.8075, 42.0899

■ 154.0070,
-13.8075, 42.0899

■ 141.1610,
-17.3344, 53.3558

■ 166.8530,
-10.2805, 30.8239

■ 128.3150,
-20.8613, 64.6217

■ 179.6990, -6.7536,
19.5580

■ 115.9420,
-25.1144, 75.4729

■ 192.0720, -2.5005,
8.7069

■ 103.0960,
-28.6413, 86.7388

■ 204.9180, 1.0264,
-2.5591

■ 90.2500, -32.1682,
98.0048

■ 217.7640, 4.5533,
-13.8250

■ 77.4040, -35.6952,
109.2707

■ 230.6100, 8.0803,
-25.0910

■ 74.4860, -36.7216,
111.8298

■ 239.1530, 7.8126,
-32.5832

Harmonies

Analogous

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



155.3840, -2.1613, 40.0052



154.0070, -13.8075, 42.0899



152.3620, -22.3635, 33.0085

Triad

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



154.0070, -13.8075, 42.0899



143.9350, -8.3490, -28.8840



149.4200, 26.4149, -25.8013

Complementary

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



154.0070, -13.8075, 42.0899



173.9930, 13.8075, -42.0899

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.



141.7820, 27.2225, -51.5518



154.0070, -13.8075, 42.0899



139.4020, 6.7038, -50.3416

Square

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



154.0070, -13.8075, 42.0899



147.8040, -19.6234, -5.9671



136.8810, 20.2717, -62.1626



154.7010, 20.3604, 2.8932

Rectangle

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



154.0070, -13.8075, 42.0899



151.0140, -24.6569, 21.9127



136.8810, 20.2717, -62.1626



147.1800, 27.0263, -35.2379

Sweetspot

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



154.0070, -13.8075, 42.0899



237.1330, -4.9956, 15.6694



156.3620, 18.0625, 40.0245



117.2570, -3.0847, 9.4216



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.



154.0070, -13.8075, 42.0899



182.6030, -21.0033, 63.4922



176.3130, -24.8043, 22.5275



95.5770, -1.7635, 5.6330



61.3740, -30.2574, 91.7570



14.2970, -7.0484, 20.7875

Inverse Universe

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



173.9930, 13.8075, -42.0899



212.3970, 21.0033, -63.4922



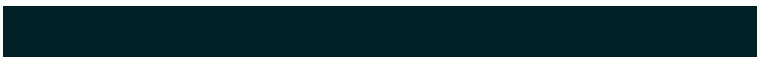
151.6870, 24.8043, -22.5275



98.4230, 1.7635, -5.6330



104.6260, 30.2574, -91.7570



24.2900, 6.7590, -21.3023

Previews

White Background



This preview shows how the YUV color 154.0070, -13.8075, 42.0899 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 154.0070, -13.8075, 42.0899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

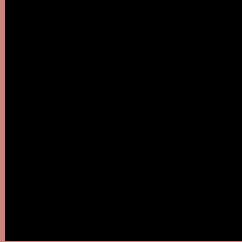
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 154.0070, -13.8075, 42.0899

Background



This preview shows how black text looks on a background with the YUV color 154.0070, -13.8075, 42.0899.



This preview shows how white text looks on a background with the YUV color 154.0070, -13.8075, 42.0899.

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

154.0070, -13.8075, 42.0899

Protanopia

152.0410, -8.8942, 6.1030

Deuteranopia

152.7610, -14.1792, 21.2576



Tritanopia

155.3690, -6.0979, 42.6494

Trichromacy



Original Color

154.0070, -13.8075, 42.0899

Protanomaly

152.9610, -10.8268, 19.3282

Deuteranomaly

153.2180, -13.9115, 28.7498

Tritanomaly

154.9730, -8.8607, 42.1197

Monochromacy



Original Color

154.0070, -13.8075, 42.0899

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

153.8340, -4.8482, 15.0546

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.0070, -13.8075, 42.0899 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(202, 135, 126)` looks like.

```
.text, #text, p{  
    color:rgb(202, 135, 126)  
}
```

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(202, 135, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 135, 126) }
```

Border

The CSS property to change the border of an element to YUV 154.0070, -13.8075, 42.0899 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(202, 135, 126) }
```


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

```
.border{ border-color:rgb(202, 135, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 135, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 135, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 135, 126);  
box-shadow:4px 4px 4px 4px rgb(202, 135,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 154.0070, -13.8075, 42.0899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 135, 126) }
```

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

```
.background{ background-color: rgb(202,  
135, 126) }
```

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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