

Converting Colors

YUV(170.1270, -15.8386,
40.2306)

Have a look what the booklet for
YUV(170.1270, -15.8386, 40.2306)
contains.

YUV(170.1270, -15.8386, 40.2306)	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(170.1270, -15.8386,
40.2306)**

Conversions

Conversions Part 1

Format	Color
Hex	D8998A
RGB	216, 153, 138
RGB Percent	85%, 60%, 54%
CMY	0.1529, 0.4000, 0.4588
CMYK	0.00, 0.29, 0.36, 0.15
HSL	12°, 50%, 69%
HSV	12°, 36%, 85%
XYZ	44.2976, 39.2164, 29.2795
YIQ	170.1270, 42.3630, 8.6910

Conversions

Conversions Part 2

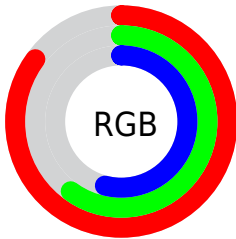
Format	Color
R _Y B	216, 157, 138
Decimal	14195082
CIE Lab	68.91, 21.68, 17.30
CIE LCh	69, 27.736, 38.593
Yxy	39.2164, 0.3927, 0.3477
Android (android.graphics.Color)	4292385162 (0xFFD8998A)
YUV	170.1270, -15.8386, 40.2306
Hunter-Lab	62.6230, 16.6752, 16.1149

Details

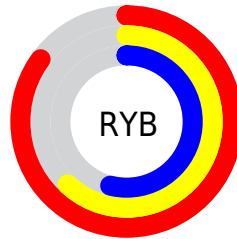
The YUV color $170.1270, -15.8386, 40.2306$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $183.8730, 15.8386, -40.2306$, and the grayscale version is $170.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $220.1150, -14.3537, 30.5941$, and $117.4470, -14.5174, 36.4420$ is the 20% darker color. If you saturate the color by 10%, you get $157.6400, -20.5285, 51.1817$, and if you desaturate by 10%, it is $182.6140, -11.1487, 29.2795$.

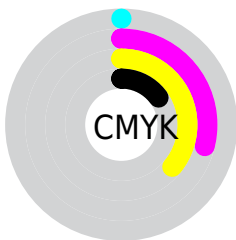
Distribution



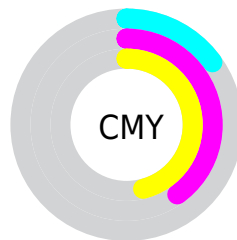
- Red (85%)
- Green (60%)
- Blue (54%)



- Red (85%)
- Yellow (62%)
- Blue (54%)



- Cyan (0%)
- Magenta (29%)
- Yellow (36%)
- Black (15%)



- Cyan (15%)
- Magenta (40%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.1270, -15.8386, 40.2306 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 170.1270, -15.8386, 40.2306 by changing the saturation by 10% instead.

■ 170.1270,
-15.8386, 40.2306

■ 170.1270,
-15.8386, 40.2306

■ 255.0000, 0.0000,
0.0000

■ 143.3440,
-14.9596, 38.2863

■ 220.1150,
-14.3537, 30.5941

■ 117.4470,
-14.5174, 36.4420

■ 239.7430,
-10.2263, 13.3804

■ 92.0770, -13.3490,
35.0125

■ 254.2020, -3.0576,
0.6998

■ 67.9950, -12.3225,
32.4534

■ 44.3260, -11.0067,
30.4091

■ 21.7280, -10.7119,
29.1795

■ 9.3830, -4.1328,

18.9581

■ 0.0000, 0.0000,
0.0000

■ 170.1270,
-15.8386, 40.2306

■ 170.1270,
-15.8386, 40.2306

■ 157.6400,
-20.5285, 51.1817

■ 182.6140,
-11.1487, 29.2795

■ 144.6800,
-24.4922, 62.5476

■ 195.5740, -7.1850,
17.9136

■ 132.1930,
-29.1821, 73.4987

■ 208.0610, -2.4951,
6.9625

■ 119.2330,
-33.1459, 84.8647

■ 221.0210, 1.4686,
-4.4034

■ 106.7460,
-37.8358, 95.8158

■ 233.5080, 6.1586,
-15.3545

■ 93.6720, -42.2363,
107.2817

■ 243.3390, 5.7489,
-23.9763

■ 89.2380, -43.9943,
111.1703

Harmonies

Analogous

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



171.7000, -4.7821, 40.6051



170.1270, -15.8386, 40.2306



168.2260, -22.7894, 29.6198

Triad

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



170.1270, -15.8386, 40.2306



159.7110, -5.2805, -33.0725



167.3070, 24.4986, -17.8092

Complementary

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



170.1270, -15.8386, 40.2306



183.8730, 15.8386, -40.2306

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.



161.1960, 26.0324, -43.1449



170.1270, -15.8386, 40.2306



156.0860, 9.3246, -50.9414

Square

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



170.1270, -15.8386, 40.2306



163.0530, -17.2811, -10.5705



156.1420, 21.1290, -57.1295



171.0500, 17.7233, 8.7261

Rectangle

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



170.1270, -15.8386, 40.2306



166.8070, -24.0619, 17.7093



156.1420, 21.1290, -57.1295



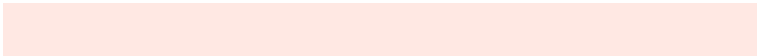
165.2950, 25.9836, -27.4457

Sweetspot

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



170.1270, -15.8386, 40.2306



238.3070, -5.5744, 14.6398



168.6180, 16.4573, 41.5540



117.8440, -3.3741, 8.9068



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.



170.1270, -15.8386, 40.2306



190.2170, -22.2920, 56.8147



192.4330, -26.8355, 20.6683



100.4630, -2.2003, 5.7329



70.5000, -34.7565, 88.1385



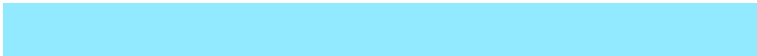
17.5530, -8.6536, 22.3170

Inverse Universe

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



183.8730, 15.8386, -40.2306



209.7830, 22.2920, -56.8147



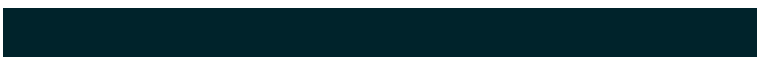
161.5670, 26.8355, -20.6683



102.5370, 2.2003, -5.7329



100.5000, 34.7565, -88.1385



25.4470, 8.6536, -22.3170

Previews

White Background



This preview shows how the YUV color 170.1270, -15.8386, 40.2306 looks on a white background.

Color Contrast Check

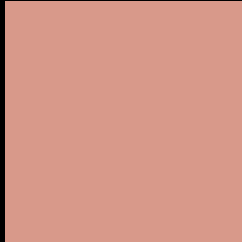
Large Text (above 18pt) WCAG AA × Fail

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 170.1270, -15.8386, 40.2306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

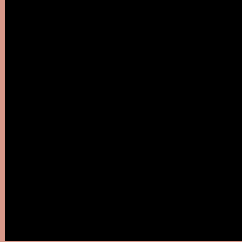
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 170.1270, -15.8386, 40.2306

Background



This preview shows how black text looks on a background with the YUV color 170.1270, -15.8386, 40.2306.



This preview shows how white text looks on a background with the YUV color 170.1270, -15.8386, 40.2306.

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

170.1270, -15.8386, 40.2306

Protanopia

168.0690, -11.3730, 7.8325

Deuteranopia

169.2020, -16.3686, 23.5018



Tritanopia

171.5860, -5.2189, 40.7051

Trichromacy



Original Color

170.1270, -15.8386, 40.2306

Protanomaly

168.9780, -13.3002, 19.3133

Deuteranomaly

169.6480, -16.0955, 29.2497

Tritanomaly

170.9620, -8.8553, 40.3753

Monochromacy



Original Color

170.1270, -15.8386, 40.2306

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

170.1930, -6.0111, 14.7397

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.1270, -15.8386, 40.2306 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(216, 153, 138)` looks like.

```
.text, #text, p{  
    color:rgb(216, 153, 138)  
}
```

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(216, 153, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 153, 138) }
```

Border

The CSS property to change the border of an element to YUV 170.1270, -15.8386, 40.2306 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(216, 153, 138) }
```


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

```
.border{ border-color:rgb(216, 153, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 153, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 153, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 153, 138); box-shadow:4px 4px 4px 4px rgb(216, 153, 138) }
```

Background

The CSS property to change the background color of an element to YUV 170.1270, -15.8386, 40.2306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 153, 138) }
```

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

```
.background{ background-color: rgb(216,  
153, 138) }
```

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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