

Converting Colors

YUV(195.3140, -16.4238,
-5.5374)

Have a look what the booklet for
YUV(195.3140, -16.4238, -5.5374)
contains.

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Color

**YUV(195.3140, -16.4238,
-5.5374)**

Conversions

Conversions Part 1

Format	Color
Hex	BDCDA2
RGB	189, 205, 162
RGB Percent	74%, 80%, 64%
CMY	0.2588, 0.1961, 0.3647
CMYK	0.08, 0.00, 0.21, 0.20
HSL	82°, 30%, 72%
HSV	82°, 21%, 80%
XYZ	49.3392, 57.0901, 42.6015
YIQ	195.3140, 4.2670, -16.7650

Conversions

Conversions Part 2

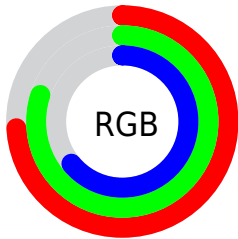
Format	Color
RYB	162, 205, 178
Decimal	12438946
CIELab	80.23, -12.94, 19.63
CIELCh	80, 23.517, 123.396
Yxy	57.0901, 0.3311, 0.3831
Android (android.graphics.Color)	4290629026 (0xFFBDCDA2)
YUV	195.3140, -16.4238, -5.5374
Hunter-Lab	75.5580, -15.6664, 19.4614

Details

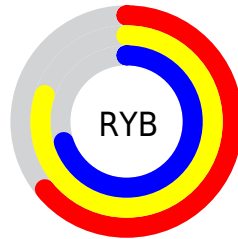
The YUV color **195.3140, -16.4238, -5.5374** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **171.6860, 16.4238, 5.5374**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **247.6780, -15.1243, -2.3486**, and **141.5420, -15.5502, -5.7373** is the 20% darker color. If you saturate the color by 10%, you get **190.6420, -23.9805, -8.4560**, and if you desaturate by 10%, it is **199.9860, -8.8671, -2.6187**.

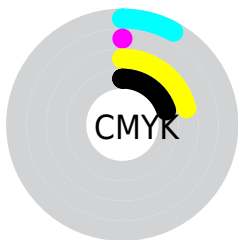
Distribution



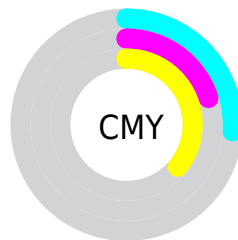
- Red (74%)
- Green (80%)
- Blue (64%)



- Red (64%)
- Yellow (80%)
- Blue (70%)



- Cyan (8%)
- Magenta (0%)
- Yellow (21%)
- Black (20%)



- Cyan (26%)
- Magenta (20%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.3140, -16.4238, -5.5374 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 195.3140, -16.4238, -5.5374 by changing the saturation by 10% instead.

■ 195.3140,
-16.4238, -5.5374

■ 195.3140,
-16.4238, -5.5374

255.0000, 0.0000,
0.0000

■ 168.4280,
-15.9870, -5.6374

■ 247.6780,
-15.1243, -2.3486

■ 141.5420,
-15.5502, -5.7373

■ 253.9740, -3.9312,
0.8998

■ 116.0690,
-14.8240, -5.3225

■ 91.1830, -14.3872,
-5.4225

■ 67.4110, -13.5136,
-5.6224

■ 44.9380, -12.7874,
-5.2076

■ 24.7640, -12.2087,

-4.1780

■ 1.1740, -0.5788,
-1.0296

■ 0.0000, 0.0000,
0.0000

■ 195.3140,
-16.4238, -5.5374

■ 195.3140,
-16.4238, -5.5374

■ 190.6420,
-23.9805, -8.4560

■ 199.9860, -8.8671,
-2.6187

■ 186.1550,
-32.1214, -10.6599

■ 204.4730, -0.7262,
-0.4148

■ 181.3690,
-40.1149, -13.4786

■ 209.1450, 6.8305,
2.5038

■ 176.6970,
-47.6716, -16.3973

■ 213.9310, 14.8240,
5.3225

■ 172.2100,
-55.8125, -18.6012

■ 217.2780, 18.5969,
8.5262

■ 167.5380,
-63.3692, -21.5198

■ 219.6700, 17.4177,
13.4444

■ 163.0510,
-71.5101, -23.7237

■ 221.7630, 16.3858,
17.7478

■ 158.9060,
-78.3407, -26.2276

■ 224.1550, 15.2066,
22.6661

■ 225.6500, 14.4696,
25.7400

Harmonies

Analogous

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



197.5830, -20.9934, 13.5207



195.3140, -16.4238, -5.5374



192.7120, -6.7600, -25.1804

Triad

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



195.3140, -16.4238, -5.5374



193.4910, 21.9429, -38.1416



202.5360, -2.7292, 35.4869

Complementary

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



195.3140, -16.4238, -5.5374



171.6860, 16.4238, 5.5374

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.



202.9180, 7.9284, 23.7509



195.3140, -16.4238, -5.5374



197.9110, 21.7359, -18.3389

Square

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



195.3140, -16.4238, -5.5374



190.4270, 15.5655, -45.9785



201.7890, 16.8660, 3.6930



201.3160, -12.4808, 36.5569

Rectangle

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



195.3140, -16.4238, -5.5374



190.7090, 1.1295, -35.7018



201.7890, 16.8660, 3.6930



203.1380, 0.9180, 32.3280

Sweetspot

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



195.3140, -16.4238, -5.5374



251.4960, -5.6675, -2.1890



184.2490, -10.9688, 18.1986



125.7780, -3.3416, -1.5593



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.



195.3140, -16.4238, -5.5374



240.5280, -24.4173, -8.3561



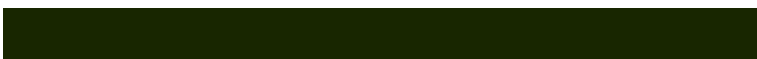
189.0350, -13.3283, -18.4477



99.6640, -3.7784, -1.4593



128.5380, -63.3692, -21.5198



29.4820, -14.5346, -4.8077

Inverse Universe

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



171.6860, 16.4238, 5.5374



205.4720, 24.4173, 8.3561



177.9650, 13.3283, 18.4477



94.3360, 3.7784, 1.4593



37.4620, 63.3692, 21.5198



8.5180, 14.5346, 4.8077

Previews

White Background



This preview shows how the YUV color 195.3140, -16.4238, -5.5374 looks on a white background.

Color Contrast Check

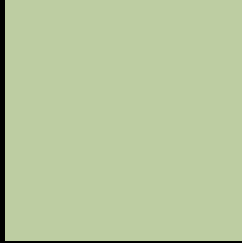
Large Text (above 18pt) WCAG AA × Fail

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 195.3140, -16.4238, -5.5374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

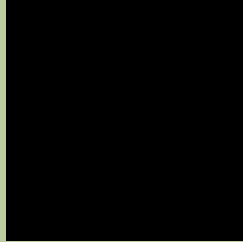
Any Text WCAG AA ✓ Pass

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 195.3140, -16.4238, -5.5374 Background



This preview shows how black text looks on a background with the YUV color 195.3140, -16.4238, -5.5374.



This preview shows how white text looks on a background with the YUV color 195.3140, -16.4238, -5.5374.

-5.5374.

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

195.3140, -16.4238, -5.5374

Protanopia

197.4410, -18.9514, 11.8912

Deuteranopia

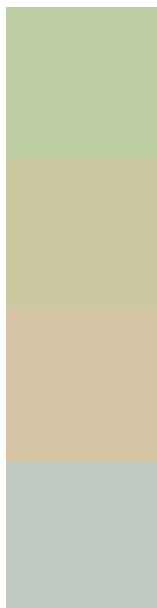
199.6970, -17.1056, 26.5757



Tritanopia

199.2260, 7.2836, -2.8292

Trichromacy



Original Color

195.3140, -16.4238, -5.5374

Protanomaly

196.9240, -18.2035, 5.3287

Deuteranomaly

198.0330, -16.7783, 14.8801

Tritanomaly

197.9240, -1.4415, -4.3183

Monochromacy



Original Color

195.3140, -16.4238, -5.5374

Achromatopsia

195.0000, 0.0000, 0.0000

Achromatomaly

195.3820, -6.1043, -2.0890

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.3140, -16.4238, -5.5374 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(189, 205, 162)` looks like.

```
.text, #text, p{  
    color:rgb(189, 205, 162)  
}
```

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(189, 205, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 205, 162) }
```

Border

The CSS property to change the border of an element to YUV 195.3140, -16.4238, -5.5374 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(189, 205, 162) }
```


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

```
.border{ border-color:rgb(189, 205, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 205, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 205, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 205, 162);  
box-shadow:4px 4px 4px 4px rgb(189, 205,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 195.3140, -16.4238, -5.5374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 205, 162) }
```

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

```
.background{ background-color: rgb(189,  
205, 162) }
```

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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