

Converting Colors

YUV(156.5140, -19.4804,
41.6452)

Have a look what the booklet for
YUV(156.5140, -19.4804, 41.6452)
contains.

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Color

**YUV(156.5140, -19.4804,
41.6452)**

Conversions

Conversions Part 1

Format	Color
Hex	CC8C75
RGB	204, 140, 117
RGB Percent	80%, 55%, 46%
CMY	0.2000, 0.4510, 0.5412
CMYK	0.00, 0.31, 0.43, 0.20
HSL	16°, 46%, 63%
HSV	16°, 43%, 80%
XYZ	37.4908, 32.8779, 21.1997
YIQ	156.5140, 45.5270, 6.4150

Conversions

Conversions Part 2

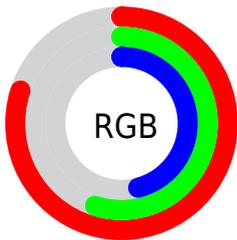
Format	Color
R_{YB}	204, 148, 117
Decimal	13405301
CIE Lab	64.06, 21.60, 22.12
CIE LCh	64, 30.913, 45.687
Yxy	32.8779, 0.4094, 0.3591
Android (android.graphics.Color)	4291595381 (0xFFCC8C75)
YUV	156.5140, -19.4804, 41.6452
Hunter-Lab	57.3392, 16.3671, 18.2165

Details

The YUV color **156.5140, -19.4804, 41.6452** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **164.4860, 19.4804, -41.6452**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.3890, -19.9118, 40.0008**, and **104.0620, -17.2856, 37.6566** is the 20% darker color. If you saturate the color by 10%, you get **145.4290, -23.8755, 51.3668**, and if you desaturate by 10%, it is **167.5990, -15.0853, 31.9237**.

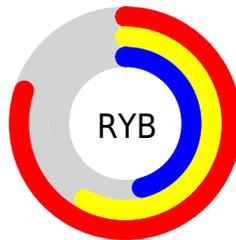
Distribution



Red (80%)

Green (55%)

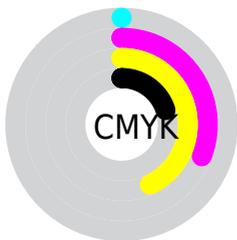
Blue (46%)



Red (80%)

Yellow (58%)

Blue (46%)

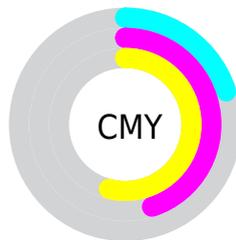


Cyan (0%)

Magenta (31%)

Yellow (43%)

Black (20%)



Cyan (20%)

Magenta (45%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.5140, -19.4804, 41.6452 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 156.5140, -19.4804, 41.6452 by changing the saturation by 10% instead.

■ 156.5140,
-19.4804, 41.6452

■ 156.5140,
-19.4804, 41.6452

255.0000, 0.0000,
0.0000

■ 129.7310,
-18.6014, 39.7009

■ 209.3890,
-19.9118, 40.0008

■ 104.0620,
-17.2856, 37.6566

■ 229.0170,
-15.7844, 22.7871

■ 79.8660, -16.6959,
35.1975

■ 249.2320,
-11.9464, 5.0585

■ 55.8980, -15.2327,
32.5385

254.7720, -0.8736,
0.2000

■ 32.6590, -16.1009,
30.9941

■ 12.8570, -6.3385,
26.4354

■ 0.0000, 0.0000,

0.0000

■ 156.5140,
-19.4804, 41.6452

■ 156.5140,
-19.4804, 41.6452

■ 145.4290,
-23.8755, 51.3668

■ 167.5990,
-15.0853, 31.9237

■ 134.2300,
-28.7074, 61.1883

■ 178.7980,
-10.2534, 22.1022

■ 123.1450,
-33.1025, 70.9098

■ 189.8830, -5.8583,
12.3806

■ 111.9460,
-37.9344, 80.7314

■ 201.0820, -1.0264,
2.5591

■ 100.8610,
-42.3295, 90.4529

■ 212.1670, 3.3687,
-7.1625

■ 92.6940, -45.6981,
97.6154

■ 223.2520, 7.7638,
-16.8840

■ 233.8810, 10.4117,
-26.2056

■ 239.7510, 7.5178,
-31.3536

Harmonies

Analogous

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



158.2230, -7.9979, 45.4084



156.5140, -19.4804, 41.6452



154.7050, -25.9836, 27.4457

Triad

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



156.5140, -19.4804, 41.6452



143.6820, -1.3222, -42.6941



155.3830, 25.9402, -13.4909

Complementary

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



156.5140, -19.4804, 41.6452



164.4860, 19.4804, -41.6452

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.



147.8090, 29.6742, -44.5595



156.5140, -19.4804, 41.6452



138.7900, 14.8935, -63.8368

Square

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



156.5140, -19.4804, 41.6452



148.3510, -15.9490, -17.8478



139.5690, 26.8345, -67.1510



158.9800, 17.2649, 15.8035

Rectangle

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



156.5140, -19.4804, 41.6452



152.9160, -26.0876, 14.1057



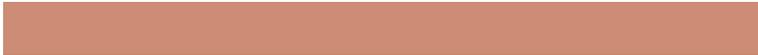
139.5690, 26.8345, -67.1510



153.1860, 28.0093, -23.8421

Sweetspot

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



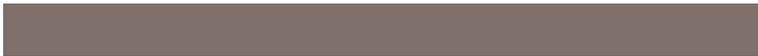
156.5140, -19.4804, 41.6452



237.1500, -7.4689, 15.6545



150.4230, 15.5675, 46.9870



116.2140, -4.5425, 10.3363



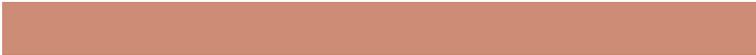
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



156.5140, -19.4804, 41.6452



183.8280, -29.0022, 62.4178



181.1680, -31.6348, 20.0237



96.1640, -2.0529, 5.1182



75.4620, -37.2028, 79.4018



17.2320, -8.4954, 18.2135

Inverse Universe

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



164.4860, 19.4804, -41.6452



196.1720, 29.0022, -62.4178



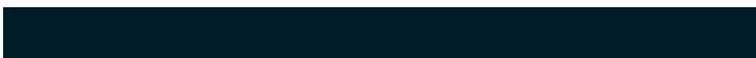
139.8320, 31.6348, -20.0237



97.2490, 2.3422, -4.6034



90.5380, 37.2028, -79.4018



20.7680, 8.4954, -18.2135

Previews

White Background



This preview shows how the YUV color 156.5140, -19.4804, 41.6452 looks on a white background.

Color Contrast Check

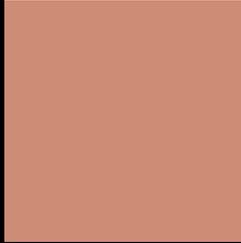
Large Text (above 18pt) WCAG AA × Fail

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 156.5140, -19.4804, 41.6452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

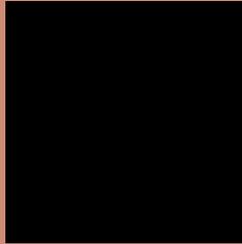
Any Text WCAG AA ✓ Pass

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 156.5140, -19.4804, 41.6452 Background



This preview shows how black text looks on a background with the YUV color 156.5140, -19.4804, 41.6452.



This preview shows how white text looks on a background with the YUV color 156.5140, -19.4804,

41.6452.

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

156.5140, -19.4804, 41.6452

Protanopia

154.4560, -15.0148, 9.2471

Deuteranopia

155.5890, -20.0104, 24.9164



Tritanopia

158.3690, -6.0979, 42.6494

Trichromacy



Original Color

156.5140, -19.4804, 41.6452

Protanomaly

155.3650, -16.9419, 20.7279

Deuteranomaly

156.0350, -19.7373, 30.6643

Tritanomaly

157.4030, -11.0447, 42.6196

Monochromacy



Original Color

156.5140, -19.4804, 41.6452

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

156.8510, -7.3215, 15.0397

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.5140, -19.4804, 41.6452 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(204, 140, 117)` looks like.

```
.text, #text, p{  
    color:rgb(204, 140, 117)  
}
```

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(204, 140, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 140, 117) }
```

Border

The CSS property to change the border of an element to YUV 156.5140, -19.4804, 41.6452 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(204, 140, 117) }
```


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

```
.border{ border-color:rgb(204, 140, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 140, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 140, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 140, 117);  
box-shadow:4px 4px 4px 4px rgb(204, 140,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 156.5140, -19.4804, 41.6452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 140, 117) }
```

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

```
.background{ background-color: rgb(204,  
140, 117) }
```

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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