

Converting Colors

YUV(160.2980, -25.2899,
38.3267)

Have a look what the booklet for
YUV(160.2980, -25.2899, 38.3267)
contains.

YUV(160.2980, -25.2899, 38.3267)	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(160.2980, -25.2899,
38.3267)**

Conversions

Conversions Part 1

Format	Color
Hex	CC946D
RGB	204, 148, 109
RGB Percent	80%, 58%, 43%
CMY	0.2000, 0.4196, 0.5725
CMYK	0.00, 0.27, 0.47, 0.20
HSL	25°, 48%, 61%
HSV	25°, 47%, 80%
XYZ	38.2521, 35.1213, 19.2310
YIQ	160.2980, 45.8950, -0.2570

Conversions

Conversions Part 2

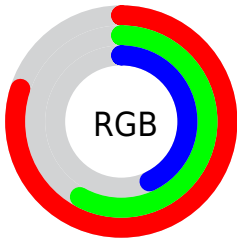
Format	Color
R _Y B	204, 175, 109
Decimal	13407341
CIE Lab	65.84, 16.38, 28.90
CIE LCh	66, 33.217, 60.447
Yxy	35.1213, 0.4131, 0.3793
Android (android.graphics.Color)	4291597421 (0xFFCC946D)
YUV	160.2980, -25.2899, 38.3267
Hunter-Lab	59.2632, 11.5040, 22.2446

Details

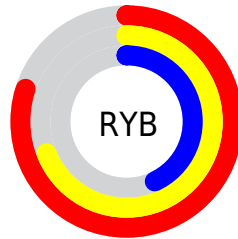
The YUV color **160.2980, -25.2899, 38.3267** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **152.7020, 25.2899, -38.3267**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.1730, -25.7213, 36.6823**, and **107.8460, -23.0951, 34.3381** is the 20% darker color. If you saturate the color by 10%, you get **150.9740, -30.5532, 46.5038**, and if you desaturate by 10%, it is **169.6220, -20.0266, 30.1495**.

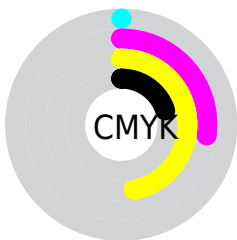
Distribution



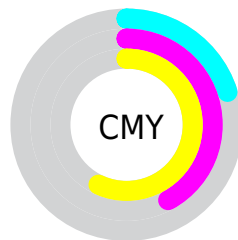
- Red (80%)
- Green (58%)
- Blue (43%)



- Red (80%)
- Yellow (69%)
- Blue (43%)



- Cyan (0%)
- Magenta (27%)
- Yellow (47%)
- Black (20%)




- Cyan (20%)
- Magenta (42%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the YUV color 160.2980, -25.2899, 38.3267 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 160.2980, -25.2899, 38.3267 by changing the saturation by 10% instead.


 160.2980,
-25.2899, 38.3267


 160.2980,
-25.2899, 38.3267


255.0000, 0.0000,
0.0000


 133.5150,
-24.4109, 36.3823


 213.1730,
-25.7213, 36.6823

 107.8460,
-23.0951, 34.3381


 232.6870,
-22.0307, 19.5685


 83.0630, -22.2161,
32.3937

 250.5540,
-17.0351, 3.8991

 58.9810, -21.1896,
29.8347

 253.8600, -4.3680,
0.9998

 37.3550, -18.4160,
26.8757

 16.6670, -8.2168,
22.2170

 0.0000, 0.0000,

0.0000

■ 160.2980,
-25.2899, 38.3267

■ 160.2980,
-25.2899, 38.3267

■ 150.9740,
-30.5532, 46.5038

■ 169.6220,
-20.0266, 30.1495

■ 141.5360,
-36.2532, 54.7809

■ 179.0600,
-14.3266, 21.8724

■ 132.2120,
-41.5165, 62.9581

■ 188.3840, -9.0633,
13.6952

■ 122.7740,
-47.2166, 71.2352

■ 197.8220, -3.3632,
5.4181

■ 113.4500,
-52.4798, 79.4124

■ 207.1460, 1.9000,
-2.7590

■ 110.3040,
-54.3799, 82.1714

■ 216.4700, 7.1633,
-10.9362

■ 225.9080, 12.8634,
-19.2133

■ 233.2940, 10.7011,
-25.6908

■ 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.



161.9970, -15.2815, 48.2376



160.2980, -25.2899, 38.3267



157.9660, -28.5772, 19.3238

Triad

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



160.2980, -25.2899, 38.3267



144.1620, 7.3151, -59.7781



162.3140, 24.0022, 1.4786

Complementary

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



160.2980, -25.2899, 38.3267



152.7020, 25.2899, -38.3267

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.



156.2280, 30.9466, -32.6490



160.2980, -25.2899, 38.3267



139.2210, 24.5410, -78.2468

Square

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



160.2980, -25.2899, 38.3267



150.1580, -9.9379, -32.5876



145.9590, 32.0652, -64.8620



164.2160, 12.7115, 29.6286

Rectangle

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



160.2980, -25.2899, 38.3267



156.1380, -26.1970, 2.5100



145.9590, 32.0652, -64.8620



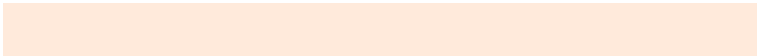
161.0460, 27.0923, -9.6873

Sweetspot

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



160.2980, -25.2899, 38.3267



238.5690, -9.6475, 14.4100



143.9030, 10.8938, 52.7051



117.8610, -5.8475, 8.8919



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.



160.2980, -25.2899, 38.3267



189.3900, -38.1533, 57.5400



187.8870, -38.8913, 14.1311



97.3380, -2.6316, 4.0886



89.5500, -44.1482, 67.0466



20.7540, -10.2317, 15.1247

Inverse Universe

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



152.7020, 25.2899, -38.3267



177.6100, 38.1533, -57.5400



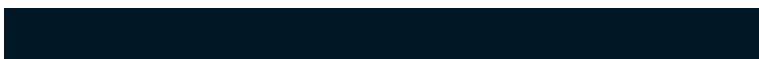
125.1130, 38.8913, -14.1311



96.6620, 2.6316, -4.0886



76.4500, 44.1482, -67.0466



17.8330, 9.9423, -15.6395

Previews

White Background



This preview shows how the YUV color 160.2980, -25.2899, 38.3267 looks on a white background.

Color Contrast Check

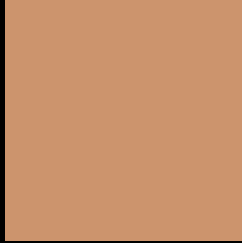
Large Text (above 18pt) WCAG AA × Fail

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 160.2980, -25.2899, 38.3267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

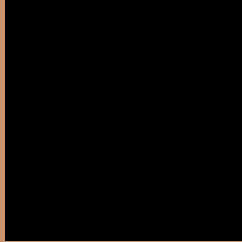
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 160.2980, -25.2899, 38.3267

Background



This preview shows how black text looks on a background with the YUV color 160.2980, -25.2899, 38.3267.



This preview shows how white text looks on a background with the YUV color 160.2980, -25.2899, 38.3267.

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

160.2980, -25.2899, 38.3267

Protanopia

158.6430, -22.0090, 12.5911

Deuteranopia

159.5310, -25.4048, 28.4753



Tritanopia

162.9880, -4.9241, 39.4755

Trichromacy



Original Color

160.2980, -25.2899, 38.3267

Protanomaly

159.3560, -23.3465, 21.6128

Deuteranomaly

159.5530, -25.4156, 31.9640

Tritanomaly

162.0390, -12.3442, 39.4308

Monochromacy



Original Color

160.2980, -25.2899, 38.3267

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

160.2700, -9.5001, 13.7952

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.2980, -25.2899, 38.3267 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, 148, 109)` looks like.

```
.text, #text, p{  
    color:rgb(204, 148, 109)  
}
```

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, 148, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 148, 109) }
```

Border

The CSS property to change the border of an element to YUV 160.2980, -25.2899, 38.3267 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, 148, 109) }
```


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

```
.border{ border-color:rgb(204, 148, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 148, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 148, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 148, 109);  
box-shadow:4px 4px 4px 4px rgb(204, 148,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 160.2980, -25.2899, 38.3267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 148, 109) }
```

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

```
.background{ background-color: rgb(204,  
148, 109) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor