

Converting Colors

YUV(157.4080, -25.3441,
55.7702)

Have a look what the booklet for
YUV(157.4080, -25.3441, 55.7702)
contains.

YUV(157.4080, -25.3441, 55.7702)	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(157.4080, -25.3441,
55.7702)**

Conversions

Conversions Part 1

Format	Color
Hex	DD876A
RGB	221, 135, 106
RGB Percent	87%, 53%, 42%
CMY	0.1333, 0.4706, 0.5843
CMYK	0.00, 0.39, 0.52, 0.13
HSL	15°, 63%, 64%
HSV	15°, 52%, 87%
XYZ	41.0843, 33.7407, 17.9829
YIQ	157.4080, 60.5650, 9.2130

Conversions

Conversions Part 2

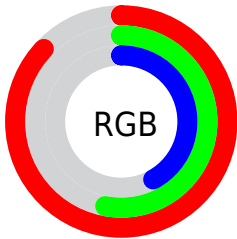
Format	Color
R _Y B	221, 145, 106
Decimal	14518122
CIE Lab	64.76, 29.96, 29.50
CIE LCh	65, 42.050, 44.558
Yxy	33.7407, 0.4427, 0.3636
Android (android.graphics.Color)	4292708202 (0xFFDD876A)
YUV	157.4080, -25.3441, 55.7702
Hunter-Lab	58.0868, 24.5998, 22.3053

Details

The YUV color **157.4080, -25.3441, 55.7702** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **169.5920, 25.3441, -55.7702**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.2000, -23.2696, 43.6746**, and **104.3580, -22.8545, 50.5520** is the 20% darker color. If you saturate the color by 10%, you get **144.9210, -30.0341, 66.7213**, and if you desaturate by 10%, it is **169.8950, -20.6542, 44.8191**.

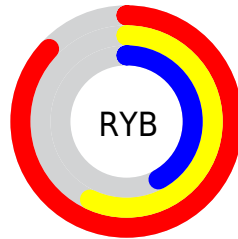
Distribution



Red (87%)

Green (53%)

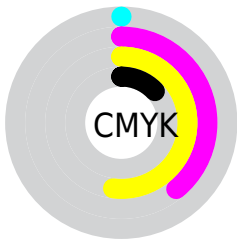
Blue (42%)



Red (87%)

Yellow (57%)

Blue (42%)

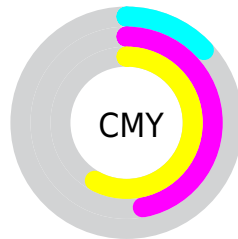


Cyan (0%)

Magenta (39%)

Yellow (52%)

Black (13%)



Cyan (13%)

Magenta (47%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YUV color 157.4080, -25.3441, 55.7702 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 157.4080, -25.3441, 55.7702 by changing the saturation by 10% instead.

 157.4080,
-25.3441, 55.7702


 157.4080,
-25.3441, 55.7702


255.0000, 0.0000,
0.0000

 130.4400,
-23.8809, 53.1111


 205.2000,
-23.2696, 43.6746

 104.3580,
-22.8545, 50.5520


 224.7140,
-19.5790, 26.5608


 79.3900, -21.3913,
47.8930

 244.8150,
-16.1778, 8.9322

 54.4220, -19.9280,
45.2339

 253.4040, -6.1152,
1.3997

 29.7790, -14.6810,
42.2898

 15.5480, -7.6652,
31.9684

 5.0830, -2.5059,

10.4512

■ 0.0000, 0.0000,
0.0000

■ 157.4080,
-25.3441, 55.7702

■ 157.4080,
-25.3441, 55.7702

■ 144.9210,
-30.0341, 66.7213

■ 169.8950,
-20.6542, 44.8191

■ 133.0210,
-35.0134, 77.1576

■ 181.7950,
-15.6749, 34.3828

■ 120.5340,
-39.7033, 88.1087

■ 194.2820,
-10.9850, 23.4317

■ 108.6340,
-44.6826, 98.5450

■ 206.1820, -6.0057,
12.9954

■ 98.9510, -48.7828,
107.0370

■ 218.7830, -0.8790,
1.9443

■ 230.6830, 4.1003,
-8.4920

■ 242.4860, 6.1694,
-18.8432

■ 244.8340, 5.0118,
-20.9024

Harmonies

Analogous

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



158.9800, -9.3571, 61.4075



157.4080, -25.3441, 55.7702



155.3550, -35.1780, 36.5227

Triad

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



157.4080, -25.3441, 55.7702



138.2620, -1.1152, -62.4968



156.0750, 36.4450, -22.8678

Complementary

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



157.4080, -25.3441, 55.7702



169.5920, 25.3441, -55.7702

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.



138.4870, 44.6229, -79.3571



157.4080, -25.3441, 55.7702



123.8490, 25.2174, -108.6156

Square

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



157.4080, -25.3441, 55.7702



147.5970, -22.4793, -23.3256



125.9640, 40.9367, -110.4704



161.2500, 24.5267, 19.9518

Rectangle

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



157.4080, -25.3441, 55.7702



153.6040, -36.2868, 18.7643



125.9640, 40.9367, -110.4704



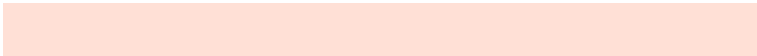
151.7740, 39.5514, -39.2668

Sweetspot

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



157.4080, -25.3441, 55.7702



232.1290, -8.9376, 20.0579



150.1890, 20.6128, 62.1012



113.9970, -5.4215, 12.2806



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.



157.4080, -25.3441, 55.7702



167.7220, -34.8659, 76.5428



190.8670, -41.8394, 26.4266



103.4630, -2.2003, 5.7329



77.5550, -38.2346, 83.7053



20.7980, -10.2534, 22.1022

Inverse Universe

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



169.5920, 25.3441, -55.7702



184.2780, 34.8659, -76.5428



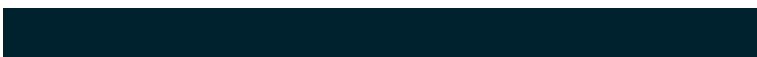
136.1330, 41.8394, -26.4266



104.9500, 2.4896, -5.2182



96.0320, 37.9452, -84.2201



25.2020, 10.2534, -22.1022

Previews

White Background



This preview shows how the YUV color 157.4080, -25.3441, 55.7702 looks on a white background.

Color Contrast Check

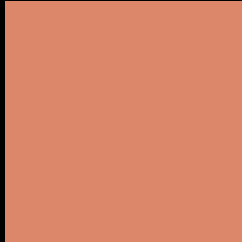
Large Text (above 18pt) WCAG AA × Fail

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 157.4080, -25.3441, 55.7702 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

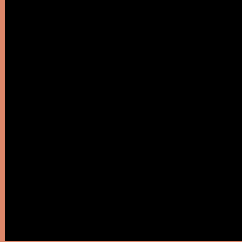
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 157.4080, -25.3441, 55.7702

Background



This preview shows how black text looks on a background with the YUV color 157.4080, -25.3441, 55.7702.



This preview shows how white text looks on a background with the YUV color 157.4080, -25.3441, 55.7702.

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

157.4080, -25.3441, 55.7702

Protanopia

155.8000, -20.1144, 11.5764

Deuteranopia

156.8900, -26.5678, 28.1605



Tritanopia

159.2460, -9.4883, 56.7893

Trichromacy



Original Color

157.4080, -25.3441, 55.7702

Protanomaly

156.4430, -21.9104, 27.6755

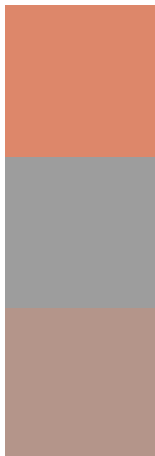
Deuteranomaly

157.0700, -26.1635, 38.5266

Tritanomaly

158.7530, -15.1612, 56.3446

Monochromacy



Original Color

157.4080, -25.3441, 55.7702

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

157.0150, -9.3744, 20.1578

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.4080, -25.3441, 55.7702 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(221, 135, 106)` looks like.

```
.text, #text, p{  
    color:rgb(221, 135, 106)  
}
```

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(221, 135, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 135, 106) }
```

Border

The CSS property to change the border of an element to YUV 157.4080, -25.3441, 55.7702 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(221, 135, 106) }
```


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

```
.border{ border-color:rgb(221, 135, 106) }
```

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

Here you see how a box with a 4 pixel rgb(221, 135, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 135, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 135, 106);  
box-shadow:4px 4px 4px 4px rgb(221, 135,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 157.4080, -25.3441, 55.7702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 135, 106) }
```

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

```
.background{ background-color: rgb(221,  
135, 106) }
```

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