

Converting Colors

YUV(157.7920, -37.8585,
56.3104)

Have a look what the booklet for
YUV(157.7920, -37.8585, 56.3104)
contains.

YUV(157.7920, -37.8585, 56.3104)	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(157.7920, -37.8585,
56.3104)**

Conversions

Conversions Part 1

Format	Color
Hex	DE8C51
RGB	222, 140, 81
RGB Percent	87%, 55%, 32%
CMY	0.1294, 0.4510, 0.6824
CMYK	0.00, 0.37, 0.64, 0.13
HSL	25°, 68%, 59%
HSV	25°, 64%, 87%
XYZ	40.9875, 34.8798, 12.3568
YIQ	157.7920, 67.8110, -0.9650

Conversions

Conversions Part 2

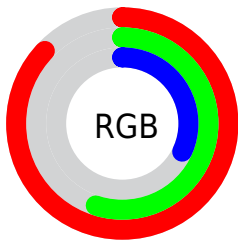
Format	Color
R_{YB}	222, 182, 81
Decimal	14584913
CIE Lab	65.66, 25.79, 43.95
CIE LCh	66, 50.962, 59.596
Yxy	34.8798, 0.4646, 0.3954
Android (android.graphics.Color)	4292774993 (0xFFDE8C51)
YUV	157.7920, -37.8585, 56.3104
Hunter-Lab	59.0592, 20.5268, 28.9363

Details

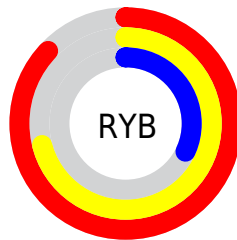
The YUV color **157.7920, -37.8585, 56.3104** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **145.2080, 37.8585, -56.3104**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.1710, -36.0733, 43.7000**, and **104.3290, -35.6582, 50.5775** is the 20% darker color. If you saturate the color by 10%, you get **147.6530, -43.7059, 65.2023**, and if you desaturate by 10%, it is **167.9310, -32.0110, 47.4185**.

Distribution



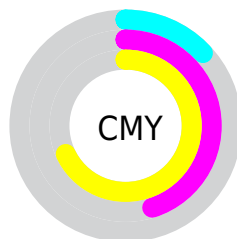
- Red (87%)
- Green (55%)
- Blue (32%)



- Red (87%)
- Yellow (71%)
- Blue (32%)



- Cyan (0%)
- Magenta (37%)
- Yellow (64%)
- Black (13%)



- Cyan (13%)
- Magenta (45%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.7920, -37.8585, 56.3104 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 157.7920, -37.8585, 56.3104 by changing the saturation by 10% instead.

157.7920,
-37.8585, 56.3104

157.7920,
-37.8585, 56.3104

255.0000, 0.0000,
0.0000

130.8240,
-36.3952, 53.6514

205.1710,
-36.0733, 43.7000

104.3290,
-35.6582, 50.5775

224.6850,
-32.3827, 26.5863

78.6060, -35.7948,
47.7035

244.7860,
-28.9815, 8.9577

56.0490, -27.6322,
42.9300

250.3260,
-17.9087, 4.0991

34.1760, -16.8488,
37.5566

253.6320, -5.2416,
1.1997

14.9500, -7.3703,
30.7388

5.0830, -2.5059,

10.4512

■ 0.0000, 0.0000,
0.0000

■ 157.7920,
-37.8585, 56.3104

■ 157.7920,
-37.8585, 56.3104

■ 147.6530,
-43.7059, 65.2023

■ 167.9310,
-32.0110, 47.4185

■ 137.5140,
-49.5534, 74.0942

■ 178.0700,
-26.1635, 38.5266

■ 127.2610,
-55.8377, 83.0861

■ 188.3230,
-19.8792, 29.5347

■ 120.9690,
-59.6377, 88.6042

■ 198.4620,
-14.0318, 20.6428

■ 208.6010, -8.1843,
11.7509

■ 218.1530, -2.0474,
3.3738

■ 228.2920, 3.8000,
-5.5181

■ 238.0890, 8.3371,
-14.1101

■ 245.1330, 4.8644,
-20.2876

Harmonies

Analogous

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



159.3700, -20.8884, 73.3435



157.7920, -37.8585, 56.3104



155.0690, -44.8970, 27.1265

Triad

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



157.7920, -37.8585, 56.3104



124.7320, 15.9081, -109.3900



162.2610, 37.8323, -1.1059

Complementary

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



157.7920, -37.8585, 56.3104



145.2080, 37.8585, -56.3104

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.



145.5020, 52.0105, -68.8463



157.7920, -37.8585, 56.3104



129.9760, 36.0008, -113.9890

Square

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



157.7920, -37.8585, 56.3104



141.0600, -14.8196, -53.5496



130.3300, 52.5883, -114.2994



164.0790, 20.6671, 44.6577

Rectangle

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



157.7920, -37.8585, 56.3104



152.2510, -41.0427, 4.1649



130.3300, 52.5883, -114.2994



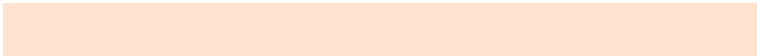
159.1060, 42.8387, -20.2640

Sweetspot

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



157.7920, -37.8585, 56.3104



233.0920, -12.8634, 19.2133



132.5070, 15.0330, 78.4854



114.0140, -7.8949, 12.2657



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.



157.7920, -37.8585, 56.3104



166.5530, -52.0376, 77.5680



198.8820, -58.1158, 20.2745



107.2240, -3.0684, 4.1886



96.0620, -47.3586, 70.1056



26.0920, -12.8634, 19.2133

Inverse Universe

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



145.2080, 37.8585, -56.3104



149.4470, 52.0376, -77.5680



104.1180, 58.1158, -20.2745



106.3630, 2.7790, -4.7034



79.9380, 47.3586, -70.1056



21.9080, 12.8634, -19.2133

Previews

White Background



This preview shows how the YUV color 157.7920, -37.8585, 56.3104 looks on a white background.

Color Contrast Check

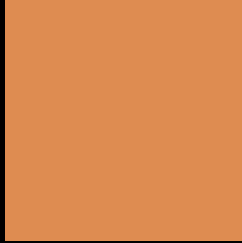
Large Text (above 18pt) WCAG AA × Fail

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 157.7920, -37.8585, 56.3104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

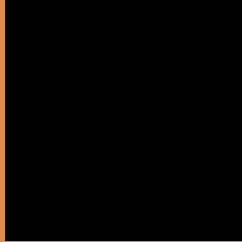
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 157.7920, -37.8585, 56.3104

Background



This preview shows how black text looks on a background with the YUV color 157.7920, -37.8585, 56.3104.



This preview shows how white text looks on a background with the YUV color 157.7920, -37.8585, 56.3104.

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

157.7920, -37.8585, 56.3104

Protanopia

156.5760, -33.8080, 17.0348

Deuteranopia

157.0190, -38.9564, 35.0633



Tritanopia

161.9470, -9.3409, 56.1745

Trichromacy



Original Color

157.7920, -37.8585, 56.3104

Protanomaly

157.2080, -35.5985, 31.3896

Deuteranomaly

157.4760, -38.6887, 42.5555

Tritanomaly

160.7870, -20.1080, 56.3148

Monochromacy



Original Color

157.7920, -37.8585, 56.3104

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

157.5760, -13.5950, 20.5428

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.7920, -37.8585, 56.3104 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(222, 140, 81)` looks like.

```
.text, #text, p{  
    color:rgb(222, 140, 81)  
}
```

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(222, 140, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 140, 81) }
```

Border

The CSS property to change the border of an element to YUV 157.7920, -37.8585, 56.3104 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(222, 140, 81) }
```


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

```
.border{ border-color:rgb(222, 140, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 140, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 140, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 140, 81);  
box-shadow:4px 4px 4px 4px rgb(222, 140,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 157.7920, -37.8585, 56.3104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 140, 81) }
```

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

```
.background{ background-color: rgb(222,  
140, 81) }
```

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