

Converting Colors

YUV(158.7500, -24.0337,
55.4703)

Have a look what the booklet for
YUV(158.7500, -24.0337, 55.4703)
contains.

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Color

**YUV(158.7500, -24.0337,
55.4703)**

Conversions

Conversions Part 1

Format	Color
Hex	DE886E
RGB	222, 136, 110
RGB Percent	87%, 53%, 43%
CMY	0.1294, 0.4667, 0.5686
CMYK	0.00, 0.39, 0.50, 0.13
HSL	14°, 63%, 65%
HSV	14°, 50%, 87%
XYZ	41.7428, 34.2637, 19.1653
YIQ	158.7500, 59.6020, 10.1460

Conversions

Conversions Part 2

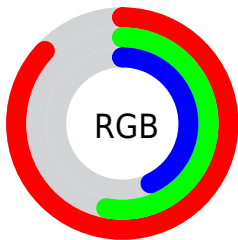
Format	Color
R _Y B	222, 144, 110
Decimal	14583918
CIE Lab	65.17, 30.18, 27.87
CIE LCh	65, 41.079, 42.714
Yxy	34.2637, 0.4386, 0.3600
Android (android.graphics.Color)	4292773998 (0xFFDE886E)
YUV	158.7500, -24.0337, 55.4703
Hunter-Lab	58.5352, 24.8559, 21.5622

Details

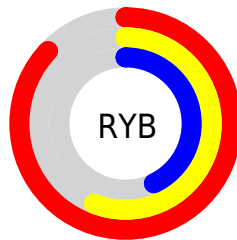
The YUV color **158.7500, -24.0337, 55.4703** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **173.2500, 24.0338, -55.4703**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.2430, -21.8118, 42.7599**, and **105.7000, -21.5441, 50.2521** is the 20% darker color. If you saturate the color by 10%, you get **146.2630, -28.7237, 66.4213**, and if you desaturate by 10%, it is **171.2370, -19.3438, 44.5192**.

Distribution



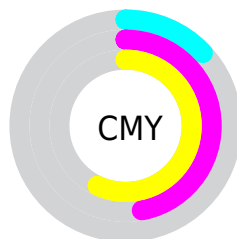
- Red (87%)
- Green (53%)
- Blue (43%)



- Red (87%)
- Yellow (56%)
- Blue (43%)



- Cyan (0%)
- Magenta (39%)
- Yellow (50%)
- Black (13%)



- Cyan (13%)
- Magenta (47%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.7500, -24.0337, 55.4703 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 158.7500, -24.0337, 55.4703 by changing the saturation by 10% instead.

158.7500,
-24.0337, 55.4703

158.7500,
-24.0337, 55.4703

255.0000, 0.0000,
0.0000

131.6680,
-23.0073, 52.9112

206.2430,
-21.8118, 42.7599

105.7000,
-21.5441, 50.2521

225.7570,
-18.1212, 25.6461

80.7320, -20.0809,
47.5930

245.9720,
-14.2832, 7.9176

55.7640, -18.6177,
44.9340

253.8600, -4.3680,
0.9998

30.9640, -15.2653,
43.0046

15.8470, -7.8126,
32.5832

6.2790, -3.0955,

12.9103

■ 0.0000, 0.0000,
0.0000

■ 158.7500,
-24.0337, 55.4703

■ 158.7500,
-24.0337, 55.4703

■ 146.2630,
-28.7237, 66.4213

■ 171.2370,
-19.3438, 44.5192

■ 133.7760,
-33.4136, 77.3724

■ 183.7240,
-14.6539, 33.5681

■ 121.1750,
-38.5403, 88.4235

■ 196.3250, -9.5272,
22.5170

■ 108.6880,
-43.2302, 99.3746

■ 208.8120, -4.8373,
11.5659

■ 96.9020, -47.7727,
109.7109

■ 221.2990, -0.1474,
0.6148

■ 233.7860, 4.5425,
-10.3363

■ 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.



160.6100, -8.1887, 59.9780



158.7500, -24.0337, 55.4703



156.9960, -34.0150, 36.8375

Triad

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



158.7500, -24.0337, 55.4703



141.1270, -3.0206, -57.9934



156.6510, 36.1611, -25.1269

Complementary

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



158.7500, -24.0337, 55.4703



173.2500, 24.0338, -55.4703

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.



139.5580, 43.6019, -78.5424



158.7500, -24.0337, 55.4703



123.6210, 24.3438, -108.4156

Square

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



158.7500, -24.0337, 55.4703



148.9070, -22.6322, -20.9664



126.3230, 39.7738, -110.7853



162.5270, 24.3902, 17.0778

Rectangle

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



158.7500, -24.0337, 55.4703



154.8430, -35.4186, 20.3087



126.3230, 39.7738, -110.7853



152.5350, 38.6832, -40.8112

Sweetspot

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



158.7500, -24.0337, 55.4703



233.6450, -8.2060, 18.7283



153.5200, 21.9286, 60.0570



114.8120, -4.8373, 11.5659



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.



158.7500, -24.0337, 55.4703



167.3630, -33.7030, 76.8576



190.4480, -39.6609, 27.6711



106.0500, -2.4896, 5.2182



76.6910, -37.8087, 87.0940



20.8090, -10.2588, 23.8465

Inverse Universe

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



173.2500, 24.0338, -55.4703



187.2240, 33.4136, -77.3724



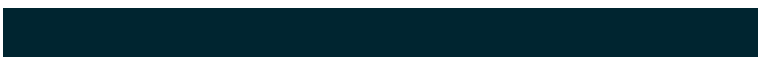
141.5520, 39.6609, -27.6711



107.5370, 2.2003, -5.7329



99.3090, 37.8087, -87.0940



27.1910, 10.2588, -23.8465

Previews

White Background



This preview shows how the YUV color 158.7500, -24.0337, 55.4703 looks on a white background.

Color Contrast Check

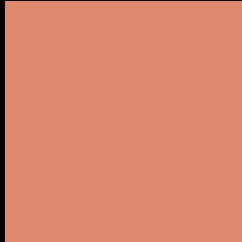
Large Text (above 18pt) WCAG AA × Fail

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 158.7500, -24.0337, 55.4703 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 158.7500, -24.0337, 55.4703

Background



This preview shows how black text looks on a background with the YUV color 158.7500, -24.0337, 55.4703.



This preview shows how white text looks on a background with the YUV color 158.7500, -24.0337, 55.4703.

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

158.7500, -24.0337, 55.4703

Protanopia

157.2560, -18.3672, 11.1765

Deuteranopia

158.2320, -25.2574, 27.8605



Tritanopia

160.5340, -9.6303, 55.6597

Trichromacy



Original Color

158.7500, -24.0337, 55.4703

Protanomaly

157.7850, -20.6000, 27.3756

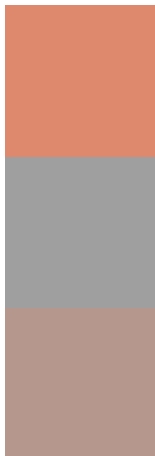
Deuteranomaly

158.4120, -24.8531, 38.2267

Tritanomaly

159.5680, -14.5770, 55.6299

Monochromacy



Original Color

158.7500, -24.0337, 55.4703

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.1290, -8.9376, 20.0579

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.7500, -24.0337, 55.4703 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, 136, 110)` looks like.

```
.text, #text, p{  
    color:rgb(222, 136, 110)  
}
```

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, 136, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 136, 110) }
```

Border

The CSS property to change the border of an element to YUV 158.7500, -24.0337, 55.4703 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, 136, 110) }
```


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

```
.border{ border-color:rgb(222, 136, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 136, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 136, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 136, 110);  
box-shadow:4px 4px 4px 4px rgb(222, 136,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 158.7500, -24.0337, 55.4703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 136, 110) }
```

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

```
.background{ background-color: rgb(222,  
136, 110) }
```

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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