

Converting Colors

YUV(174.5550, -28.3746,
47.7483)

Have a look what the booklet for
YUV(174.5550, -28.3746, 47.7483)
contains.

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Color

**YUV(174.5550, -28.3746,
47.7483)**

Conversions

Conversions Part 1

Format	Color
Hex	E59E75
RGB	229, 158, 117
RGB Percent	90%, 62%, 46%
CMY	0.1020, 0.3804, 0.5412
CMYK	0.00, 0.31, 0.49, 0.10
HSL	22°, 68%, 68%
HSV	22°, 49%, 90%
XYZ	47.7508, 42.3961, 22.4961
YIQ	174.5550, 55.4770, 2.3010

Conversions

Conversions Part 2

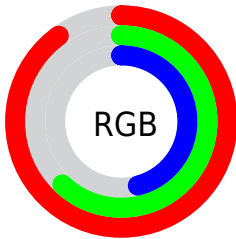
Format	Color
RYB	229, 182, 117
Decimal	15048309
CIELab	71.14, 21.87, 32.01
CIELCh	71, 38.766, 55.666
Yxy	42.3961, 0.4239, 0.3764
Android (android.graphics.Color)	4293238389 (0xFFE59E75)
YUV	174.5550, -28.3746, 47.7483
Hunter-Lab	65.1123, 16.9586, 25.0940




Details

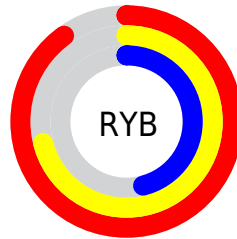
The YUV color **174.5550, -28.3746, 47.7483** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **171.4450, 28.3746, -47.7483**, and the grayscale version is **175.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **220.6560, -24.9734, 30.1197**, and **121.1030, -26.1798, 43.7597** is the 20% darker color. If you saturate the color by 10%, you get **163.1280, -34.0801, 57.7697**, and if you desaturate by 10%, it is **185.9820, -22.6691, 37.7268**.

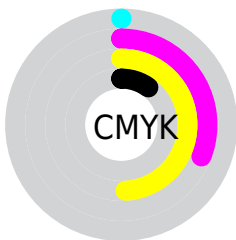
Distribution







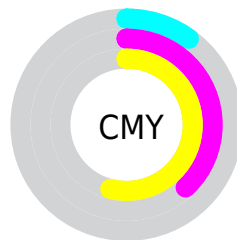
-  Red (90%)
-  Green (62%)
-  Blue (46%)






-  Red (90%)
-  Yellow (71%)
-  Blue (46%)



-  Cyan (0%)
-  Magenta (31%)
-  Yellow (49%)
-  Black (10%)



-  Cyan (10%)
-  Magenta (38%)
-  Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.5550, -28.3746, 47.7483 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 174.5550, -28.3746, 47.7483 by changing the saturation by 10% instead.

174.5550,
-28.3746, 47.7483

174.5550,
-28.3746, 47.7483

255.0000, 0.0000,
0.0000

147.7720,
-27.4956, 45.8040

220.6560,
-24.9734, 30.1197

121.1030,
-26.1798, 43.7597

240.1700,
-21.2828, 13.0059

95.7220, -25.0059,
40.5858

251.5800,
-13.1039, 2.9993

70.7540, -23.5427,
37.9267

254.8860, -0.4368,
0.1000

47.4440, -23.3899,
35.5676

26.4570, -13.0433,
30.2942

11.3620, -5.6015,

23.3615

■ 0.0000, 0.0000,
0.0000

■ 174.5550,
-28.3746, 47.7483

■ 174.5550,
-28.3746, 47.7483

■ 163.1280,
-34.0801, 57.7697

■ 185.9820,
-22.6691, 37.7268

■ 152.2880,
-40.0750, 67.2764

■ 196.8220,
-16.6742, 28.2201

■ 140.8610,
-45.7805, 77.2979

■ 208.2490,
-10.9688, 18.1986

■ 130.0210,
-51.7754, 86.8046

■ 219.0890, -4.9739,
8.6919

■ 118.5940,
-57.4808, 96.8261

■ 230.5160, 0.7316,
-1.3295

■ 117.7790,
-58.0650, 97.5408

■ 241.2420, 6.2897,
-10.7362

■ 247.2260, 3.8326,
-15.9842

Harmonies

Analogous

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



176.6500, -15.6035, 58.1889



174.5550, -28.3746, 47.7483



171.9300, -33.9825, 26.3714

Triad

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



174.5550, -28.3746, 47.7483



155.4660, 6.1793, -68.8147



176.2900, 30.4230, -4.6393

Complementary

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



174.5550, -28.3746, 47.7483



171.4450, 28.3746, -47.7483

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.



166.6760, 38.1207, -47.0739



174.5550, -28.3746, 47.7483



141.9290, 30.6010, -108.6857

Square

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



174.5550, -28.3746, 47.7483



163.4800, -15.0266, -33.7470



150.8570, 40.0035, -91.0826



178.7800, 17.3635, 30.8879

Rectangle

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



174.5550, -28.3746, 47.7483



169.9770, -32.0337, 7.9132



150.8570, 40.0035, -91.0826



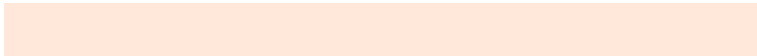
173.7120, 33.6660, -18.1644

Sweetspot

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



174.5550, -28.3746, 47.7483



236.5800, -9.6529, 16.1543



158.8100, 15.3767, 61.5566



116.5730, -5.7055, 10.0215



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.



174.5550, -28.3746, 47.7483



182.1350, -38.0276, 63.9026



206.2530, -44.0017, 19.9491



108.9360, -2.9264, 5.3181



91.6760, -45.1963, 76.5831



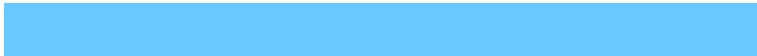
26.4020, -13.0162, 21.5724

Inverse Universe

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



171.4450, 28.3746, -47.7483



177.8650, 38.0276, -63.9026



139.7470, 44.0017, -19.9491



109.0640, 2.9264, -5.3181



86.7370, 45.4857, -76.0683



24.5980, 13.0162, -21.5724

Previews

White Background



This preview shows how the YUV color 174.5550, -28.3746, 47.7483 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 174.5550, -28.3746, 47.7483 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

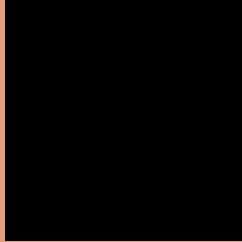
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 174.5550, -28.3746, 47.7483

Background



This preview shows how black text looks on a background with the YUV color 174.5550, -28.3746, 47.7483.



This preview shows how white text looks on a background with the YUV color 174.5550, -28.3746, 47.7483.

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

174.5550, -28.3746, 47.7483

Protanopia

172.4860, -23.9036, 13.6058

Deuteranopia

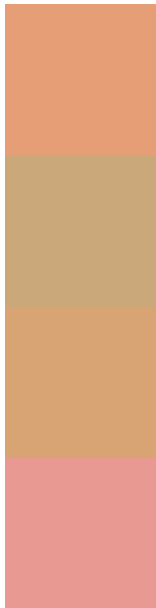
173.9290, -29.0520, 31.6343



Tritanopia

177.4730, -7.1352, 48.6972

Trichromacy



Original Color

174.5550, -28.3746, 47.7483

Protanomaly

173.1070, -25.6888, 26.2162

Deuteranomaly

174.3750, -28.7789, 37.3821

Tritanomaly

176.4100, -14.9921, 48.7524

Monochromacy



Original Color

174.5550, -28.3746, 47.7483

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

175.0640, -10.3846, 17.4839

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.5550, -28.3746, 47.7483 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(229, 158, 117)` looks like.

```
.text, #text, p{  
    color:rgb(229, 158, 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(229, 158, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 158, 117) }
```

Border

The CSS property to change the border of an element to YUV 174.5550, -28.3746, 47.7483 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(229, 158, 117) }
```


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

```
.border{ border-color:rgb(229, 158, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 158, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 158, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 158, 117);  
box-shadow:4px 4px 4px 4px rgb(229, 158,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 174.5550, -28.3746, 47.7483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 158, 117) }
```

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

```
.background{ background-color: rgb(229,  
158, 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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