

Converting Colors

YUV(216.6510, -27.4359,
26.6161)

Have a look what the booklet for
YUV(216.6510, -27.4359, 26.6161)
contains.

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Color

**YUV(216.6510, -27.4359,
26.6161)**

Conversions

Conversions Part 1

Format	Color
Hex	F7D4A1
RGB	247, 212, 161
RGB Percent	97%, 83%, 63%
CMY	0.0314, 0.1686, 0.3686
CMYK	0.00, 0.14, 0.35, 0.03
HSL	36°, 84%, 80%
HSV	36°, 35%, 97%
XYZ	68.3343, 69.4343, 43.5188
YIQ	216.6510, 37.2310, -8.4410

Conversions

Conversions Part 2

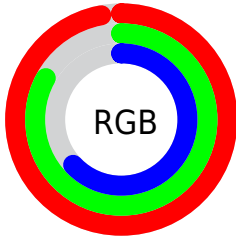
Format	Color
RYB	220, 247, 161
Decimal	16241825
CIELab	86.72, 5.17, 29.78
CIELCh	87, 30.224, 80.151
Yxy	69.4343, 0.3769, 0.3830
Android (android.graphics.Color)	4294431905 (0xFFFF7D4A1)
YUV	216.6510, -27.4359, 26.6161
Hunter-Lab	83.3273, 0.5600, 27.3641

Details

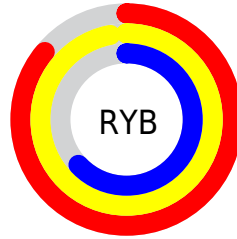
The YUV color $216.6510, -27.4359, 26.6161$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $191.3490, 27.4359, -26.6161$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.5540, -17.0351, 3.8991$, and $161.6830, -25.9727, 23.9570$ is the 20% darker color. If you saturate the color by 10%, you get $207.9310, -35.4620, 34.2635$, and if you desaturate by 10%, it is $225.3710, -19.4099, 18.9686$.

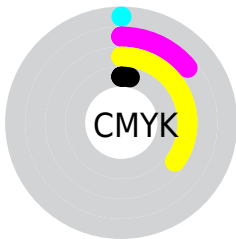
Distribution



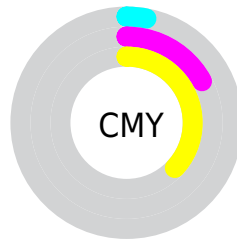
- Red (97%)
- Green (83%)
- Blue (63%)



- Red (86%)
- Yellow (97%)
- Blue (63%)



- Cyan (0%)
- Magenta (14%)
- Yellow (35%)
- Black (3%)



- Cyan (3%)
- Magenta (17%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.6510, -27.4359, 26.6161 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 216.6510, -27.4359, 26.6161 by changing the saturation by 10% instead.

216.6510,
-27.4359, 26.6161

216.6510,
-27.4359, 26.6161

255.0000, 0.0000,
0.0000

188.5800,
-26.4149, 25.8013

250.5540,
-17.0351, 3.8991

161.6830,
-25.9727, 23.9570

253.8600, -4.3680,
0.9998

134.9110,
-25.0991, 23.7571

109.1280,
-24.2201, 21.8127

84.7580, -23.0517,
20.3832

60.8610, -22.6095,
18.5389

39.6480, -19.5465,

16.0947

■ 20.4330, -10.0735,
11.0213

■ 0.0000, 0.0000,
0.0000

■ 216.6510,
-27.4359, 26.6161

■ 216.6510,
-27.4359, 26.6161

■ 207.9310,
-35.4620, 34.2635

■ 225.3710,
-19.4099, 18.9686

■ 199.3250,
-43.0512, 41.8110

■ 233.9770,
-11.8207, 11.4212

■ 190.6050,
-51.0773, 49.4584

■ 242.6970, -3.7946,
3.7737

■ 181.8850,
-59.1033, 57.1059

■ 250.8470, 2.0474,
-3.3738

■ 173.1650,
-67.1293, 64.7533

■ 252.6080, 1.1793,
-4.9182

■ 164.5590,
-74.7186, 72.3008

■ 159.5550,
-78.6606, 76.6893

Harmonies

Analogous

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



215.2420, -20.3323, 34.8678



216.6510, -27.4359, 26.6161



213.4910, -24.8921, 3.9544

Triad

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



216.6510, -27.4359, 26.6161



203.7410, 15.9037, -61.1629



221.3720, 16.0856, 20.7218

Complementary

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



216.6510, -27.4359, 26.6161



191.3490, 27.4359, -26.6161

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.



216.5920, 18.9351, -6.6582



216.6510, -27.4359, 26.6161



205.6410, 24.3340, -58.4442

Square

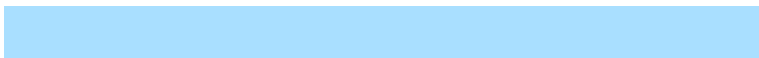
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



216.6510, -27.4359, 26.6161



206.3010, -0.1484, -45.8680



210.5020, 21.9375, -36.3973



217.8760, 4.9911, 32.5577

Rectangle

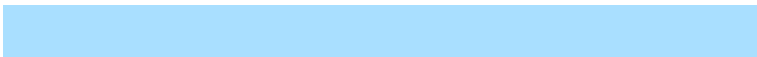
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



216.6510, -27.4359, 26.6161



211.5750, -19.0175, -13.6593



210.5020, 21.9375, -36.3973



219.9580, 17.2757, 12.3148

Sweetspot

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



216.6510, -27.4359, 26.6161



246.2800, -8.0260, 7.6474



190.8180, 3.0477, 49.2716



122.0670, -4.9630, 5.2032



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

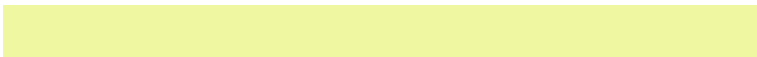
The Same Dimension uses a secret algorithm to generate beautiful new colors.



216.6510, -27.4359, 26.6161



216.9740, -34.0042, 33.3488



235.1030, -36.5328, 4.2947



117.6970, -3.7946, 3.7737



120.1840, -59.2507, 57.7206



38.1860, -18.8257, 18.2539

Inverse Universe

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



191.3490, 27.4359, -26.6161



185.4390, 34.2936, -32.8340



172.8970, 36.5328, -4.2947



114.3030, 3.7946, -3.7737



65.8160, 59.2507, -57.7206



20.8140, 18.8257, -18.2539

Previews

White Background



This preview shows how the YUV color 216.6510, -27.4359, 26.6161 looks on a white background.

Color Contrast Check

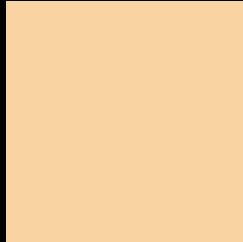
Large Text (above 18pt) WCAG AA × Fail

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 216.6510, -27.4359, 26.6161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

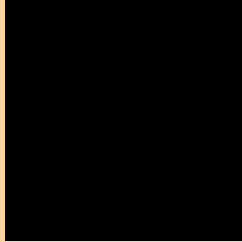
Any Text WCAG AA ✓ Pass

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 216.6510, -27.4359, 26.6161 Background



This preview shows how black text looks on a background with the YUV color 216.6510, -27.4359, 26.6161.



This preview shows how white text looks on a background with the YUV color 216.6510, -27.4359,

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

216.6510, -27.4359, 26.6161

Protanopia

215.6280, -25.9456, 15.2352

Deuteranopia

217.6240, -26.4366, 32.7788



Tritanopia

220.4750, -0.2342, 28.5244

Trichromacy



Original Color

216.6510, -27.4359, 26.6161

Protanomaly

215.8350, -26.5407, 19.4387

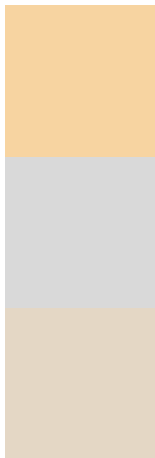
Deuteranomaly

217.2000, -26.7206, 30.5196

Tritanomaly

219.2440, -9.9803, 27.8500

Monochromacy



Original Color

216.6510, -27.4359, 26.6161

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

216.8350, -9.7787, 9.7917

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.6510, -27.4359, 26.6161 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(247, 212, 161)` looks like.

```
.text, #text, p{  
    color:rgb(247, 212, 161)  
}
```

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(247, 212, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 212, 161) }
```

Border

The CSS property to change the border of an element to YUV 216.6510, -27.4359, 26.6161 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(247, 212, 161) }
```


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

```
.border{ border-color:rgb(247, 212, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 212, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 212, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 212, 161);  
box-shadow:4px 4px 4px 4px rgb(247, 212,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 216.6510, -27.4359, 26.6161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 212, 161) }
```

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

```
.background{ background-color: rgb(247,  
212, 161) }
```

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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