

Converting Colors

YUV(217.0530, -27.1411,
25.3865)

Have a look what the booklet for
YUV(217.0530, -27.1411, 25.3865)
contains.

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Color

**YUV(217.0530, -27.1411,
25.3865)**

Conversions

Conversions Part 1

Format	Color
Hex	F6D5A2
RGB	246, 213, 162
RGB Percent	96%, 84%, 64%
CMY	0.0353, 0.1647, 0.3647
CMYK	0.00, 0.13, 0.34, 0.04
HSL	36°, 82%, 80%
HSV	36°, 34%, 96%
XYZ	68.3219, 69.7900, 44.0523
YIQ	217.0530, 36.0390, -8.8650

Conversions

Conversions Part 2

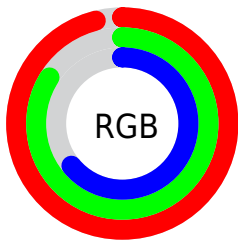
Format	Color
R _Y B	216, 246, 162
Decimal	16176546
CIE Lab	86.89, 4.39, 29.48
CIE LCh	87, 29.806, 81.533
Yxy	69.7900, 0.3751, 0.3831
Android (android.graphics.Color)	4294366626 (0xFFFF6D5A2)
YUV	217.0530, -27.1411, 25.3865
Hunter-Lab	83.5404, -0.2129, 27.2136

Details

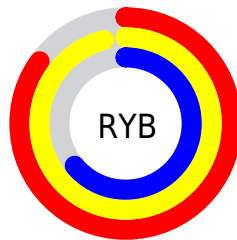
The YUV color $217.0530, -27.1411, 25.3865$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $190.9470, 27.1411, -25.3865$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.6680, -16.5983, 3.7992$, and $161.7970, -25.5359, 23.8570$ is the 20% darker color. If you saturate the color by 10%, you get $208.3330, -35.1672, 33.0340$, and if you desaturate by 10%, it is $225.7730, -19.1151, 17.7391$.

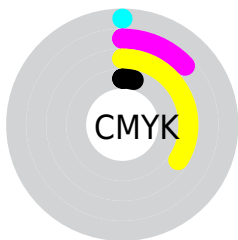
Distribution



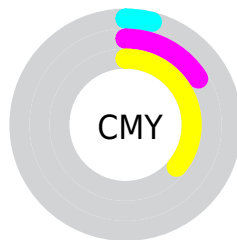
- Red (96%)
- Green (84%)
- Blue (64%)



- Red (85%)
- Yellow (96%)
- Blue (64%)



- Cyan (0%)
- Magenta (13%)
- Yellow (34%)
- Black (4%)



- Cyan (4%)
- Magenta (16%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.0530, -27.1411, 25.3865 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 217.0530, -27.1411, 25.3865 by changing the saturation by 10% instead.

217.0530,
-27.1411, 25.3865

217.0530,
-27.1411, 25.3865

255.0000, 0.0000,
0.0000

188.9820,
-26.1201, 24.5718

250.6680,
-16.5983, 3.7992

161.7970,
-25.5359, 23.8570

253.9740, -3.9312,
0.8998

135.3130,
-24.8043, 22.5275

109.8290,
-24.0727, 21.1980

85.0460, -23.1937,
19.2537

61.5620, -22.4621,
17.9241

39.6480, -19.5465,

16.0947

■ 20.4330, -10.0735,
11.0213

■ 0.0000, 0.0000,
0.0000

■ 217.0530,
-27.1411, 25.3865

■ 217.0530,
-27.1411, 25.3865

■ 208.3330,
-35.1672, 33.0340

■ 225.7730,
-19.1151, 17.7391

■ 200.3140,
-43.0458, 40.0666

■ 233.7920,
-11.2365, 10.7064

■ 191.5940,
-51.0718, 47.7141

■ 242.5120, -3.2104,
3.0590

■ 182.9880,
-58.6611, 55.2615

■ 250.5480, 2.1948,
-3.9886

■ 174.8550,
-66.9765, 62.3942

■ 252.3090, 1.3267,
-5.5330

■ 166.1350,
-75.0026, 70.0416

■ 161.0170,
-79.3814, 74.5301

Harmonies

Analogous

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



215.8290, -20.6217, 34.3530



217.0530, -27.1411, 25.3865



214.0070, -24.1605, 2.6249

Triad

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



217.0530, -27.1411, 25.3865



204.4530, 16.0457, -60.0333



222.1440, 15.2120, 20.9217

Complementary

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



217.0530, -27.1411, 25.3865



190.9470, 27.1411, -25.3865

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.



217.1900, 18.6403, -5.4286



217.0530, -27.1411, 25.3865



206.5380, 23.8918, -56.5998

Square

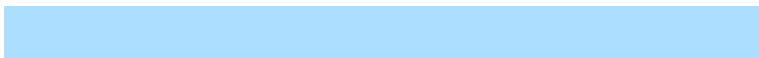
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



217.0530, -27.1411, 25.3865



206.5290, 0.7252, -46.0679



211.3990, 21.4953, -34.5529



218.3490, 4.2649, 32.1429

Rectangle

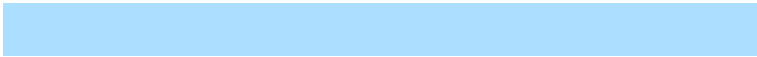
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



217.0530, -27.1411, 25.3865



211.8030, -18.1439, -13.8592



211.3990, 21.4953, -34.5529



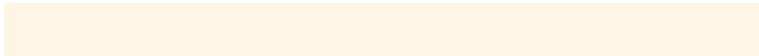
221.1430, 16.6915, 13.0296

Sweetspot

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



217.0530, -27.1411, 25.3865



246.2800, -8.0260, 7.6474



190.9920, 2.4689, 48.2420



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.



217.0530, -27.1411, 25.3865



218.9630, -33.9988, 31.6044



234.0320, -35.5118, 3.4799



118.2840, -4.0840, 3.2589



121.9450, -60.1189, 56.1762



38.7730, -19.1151, 17.7391

Inverse Universe

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



190.9470, 27.1411, -25.3865



186.6240, 33.7094, -32.1192



173.9680, 35.5118, -3.4799



114.3030, 3.7946, -3.7737



64.0550, 60.1189, -56.1762



20.2270, 19.1151, -17.7391

Previews

White Background



This preview shows how the YUV color 217.0530, -27.1411, 25.3865 looks on a white background.

Color Contrast Check

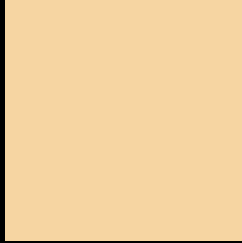
Large Text (above 18pt) WCAG AA × Fail

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 217.0530, -27.1411, 25.3865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

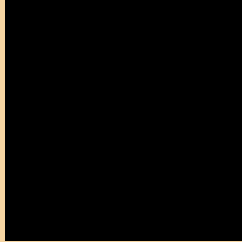
Any Text WCAG AA ✓ Pass

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 217.0530, -27.1411, 25.3865 Background



This preview shows how black text looks on a background with the YUV color 217.0530, -27.1411, 25.3865.



This preview shows how white text looks on a background with the YUV color 217.0530, -27.1411, 25.3865.

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

217.0530, -27.1411, 25.3865

Protanopia

215.7420, -25.5088, 15.1353

Deuteranopia

217.8520, -25.5630, 32.5788



Tritanopia

220.8770, 0.0606, 27.2949

Trichromacy



Original Color

217.0530, -27.1411, 25.3865

Protanomaly

216.5360, -26.3932, 18.8239

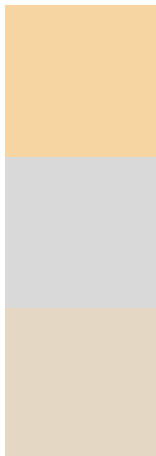
Deuteranomaly

217.4280, -25.8470, 30.3196

Tritanomaly

219.6460, -9.6855, 26.6205

Monochromacy



Original Color

217.0530, -27.1411, 25.3865

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

217.4220, -10.0680, 9.2769

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.0530, -27.1411, 25.3865 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(246, 213, 162)` looks like.

```
.text, #text, p{  
    color:rgb(246, 213, 162)  
}
```

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(246, 213, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 213, 162) }
```

Border

The CSS property to change the border of an element to YUV 217.0530, -27.1411, 25.3865 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(246, 213, 162) }
```


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

```
.border{ border-color:rgb(246, 213, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 213, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 213, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 213, 162); box-shadow:4px 4px 4px 4px rgb(246, 213, 162) }
```

Background

The CSS property to change the background color of an element to YUV 217.0530, -27.1411, 25.3865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 213, 162) }
```

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

```
.background{ background-color: rgb(246,  
213, 162) }
```

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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