

Converting Colors

YUV(217.8250, -28.0147,
25.5865)

Have a look what the booklet for
YUV(217.8250, -28.0147, 25.5865)
contains.

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Color

**YUV(217.8250, -28.0147,
25.5865)**

Conversions

Conversions Part 1

Format	Color
Hex	F7D6A1
RGB	247, 214, 161
RGB Percent	97%, 84%, 63%
CMY	0.0314, 0.1608, 0.3686
CMYK	0.00, 0.13, 0.35, 0.03
HSL	37°, 84%, 80%
HSV	37°, 35%, 97%
XYZ	68.8374, 70.4405, 43.6865
YIQ	217.8250, 36.6810, -9.4870

Conversions

Conversions Part 2

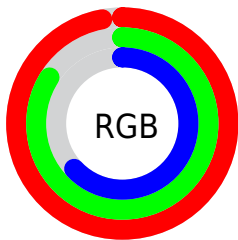
Format	Color
RYB	215, 247, 161
Decimal	16242337
CIELab	87.21, 4.14, 30.44
CIELCh	87, 30.721, 82.258
Yxy	70.4405, 0.3762, 0.3850
Android (android.graphics.Color)	4294432417 (0xFFFF7D6A1)
YUV	217.8250, -28.0147, 25.5865
Hunter-Lab	83.9288, -0.4720, 27.8887

Details

The YUV color $217.8250, -28.0147, 25.5865$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $190.1750, 28.0147, -25.5865$, and the grayscale version is $218.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.5540, -17.0351, 3.8991$, and $162.2700, -26.2621, 23.4422$ is the 20% darker color. If you saturate the color by 10%, you get $209.6920, -36.3302, 32.7191$, and if you desaturate by 10%, it is $225.9580, -19.6993, 18.4538$.

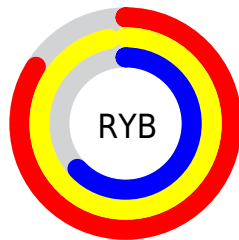
Distribution



Red (97%)

Green (84%)

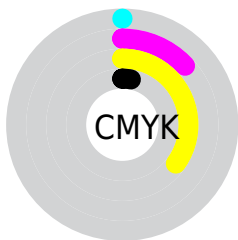
Blue (63%)



Red (84%)

Yellow (97%)

Blue (63%)

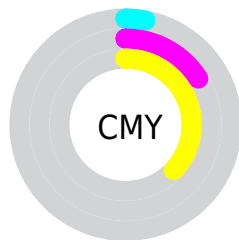


Cyan (0%)

Magenta (13%)

Yellow (35%)

Black (3%)



Cyan (3%)

Magenta (16%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.8250, -28.0147, 25.5865 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 217.8250, -28.0147, 25.5865 by changing the saturation by 10% instead.

217.8250,
-28.0147, 25.5865

217.8250,
-28.0147, 25.5865

255.0000, 0.0000,
0.0000

189.7540,
-26.9937, 24.7717

250.5540,
-17.0351, 3.8991

162.2700,
-26.2621, 23.4422

253.8600, -4.3680,
0.9998

136.0850,
-25.6779, 22.7275

110.3020,
-24.7989, 20.7831

85.8180, -24.0673,
19.4536

62.0350, -23.1883,
17.5093

40.2350, -19.8359,

15.5799

■ 21.0200, -10.3629,
10.5065

■ 0.0000, 0.0000,
0.0000

■ 217.8250,
-28.0147, 25.5865

■ 217.8250,
-28.0147, 25.5865

■ 209.6920,
-36.3302, 32.7191

■ 225.9580,
-19.6993, 18.4538

■ 201.0860,
-43.9194, 40.2666

■ 234.5640,
-12.1101, 10.9064

■ 192.9530,
-52.2348, 47.3992

■ 242.6970, -3.7946,
3.7737

■ 184.2330,
-60.2609, 55.0467

■ 250.8470, 2.0474,
-3.3738

■ 176.1000,
-68.5763, 62.1793

■ 252.6080, 1.1793,
-4.9182

■ 167.4940,
-76.1655, 69.7268

■ 163.0770,
-80.3970, 73.6005

Harmonies

Analogous

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



216.3020, -21.3479, 33.9381



217.8250, -28.0147, 25.5865



214.4800, -24.8866, 2.2100

Triad

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



217.8250, -28.0147, 25.5865



204.9580, 16.7827, -63.1072



223.2690, 15.6434, 22.5661

Complementary

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



217.8250, -28.0147, 25.5865



190.1750, 28.0147, -25.5865

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.



218.3750, 18.0561, -4.7139



217.8250, -28.0147, 25.5865



206.5270, 23.8972, -58.3442

Square

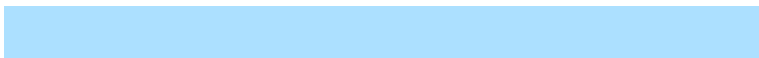
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



217.8250, -28.0147, 25.5865



206.7460, 1.6042, -48.0122



211.9860, 21.2059, -35.0677



218.3490, 4.2649, 32.1429

Rectangle

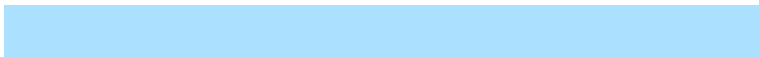
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



217.8250, -28.0147, 25.5865



212.6780, -18.5753, -15.5036



211.9860, 21.2059, -35.0677



221.7410, 16.3967, 14.2591

Sweetspot

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



217.8250, -28.0147, 25.5865



246.2800, -8.0260, 7.6474



190.5900, 2.1741, 49.4716



122.6540, -5.2524, 4.6884



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.



217.8250, -28.0147, 25.5865



218.7350, -34.8724, 31.8044



234.5050, -36.2380, 3.0651



118.2840, -4.0840, 3.2589



123.1190, -60.6977, 55.1466



38.7730, -19.1151, 17.7391

Inverse Universe

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



190.1750, 28.0147, -25.5865



184.2650, 34.8724, -31.8044



173.4950, 36.2380, -3.0651



114.3030, 3.7946, -3.7737



62.8810, 60.6977, -55.1466



20.2270, 19.1151, -17.7391

Previews

White Background



This preview shows how the YUV color 217.8250, -28.0147, 25.5865 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 217.8250, -28.0147, 25.5865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

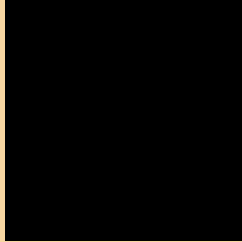
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 217.8250, -28.0147, 25.5865

Background



This preview shows how black text looks on a background with the YUV color 217.8250, -28.0147, 25.5865.



This preview shows how white text looks on a background with the YUV color 217.8250, -28.0147, 25.5865.

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

217.8250, -28.0147, 25.5865

Protanopia

216.5140, -26.3824, 15.3352

Deuteranopia

218.6670, -24.9788, 31.8640



Tritanopia

222.1760, -0.0868, 27.9096

Trichromacy



Original Color

217.8250, -28.0147, 25.5865

Protanomaly

217.3080, -27.2668, 19.0239

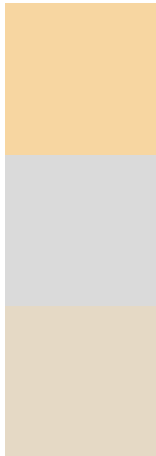
Deuteranomaly

218.0150, -26.1364, 29.8048

Tritanomaly

220.5320, -10.1223, 26.7204

Monochromacy



Original Color

217.8250, -28.0147, 25.5865

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

218.3080, -10.5048, 9.3769

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.8250, -28.0147, 25.5865 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, 214, 161)` looks like.

```
.text, #text, p{  
    color:rgb(247, 214, 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, 214, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 214, 161) }
```

Border

The CSS property to change the border of an element to YUV 217.8250, -28.0147, 25.5865 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, 214, 161) }
```


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

```
.border{ border-color:rgb(247, 214, 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, 214, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 214, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 214, 161);  
box-shadow:4px 4px 4px 4px rgb(247, 214,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 217.8250, -28.0147, 25.5865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 214, 161) }
```

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

```
.background{ background-color: rgb(247,  
214, 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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