

Converting Colors

YUV(217.5060, -14.0535,
27.6202)

Have a look what the booklet for
YUV(217.5060, -14.0535, 27.6202)
contains.

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Color

**YUV(217.5060, -14.0535,
27.6202)**

Conversions

Conversions Part 1

Format	Color
Hex	F9CFBD
RGB	249, 207, 189
RGB Percent	98%, 81%, 74%
CMY	0.0235, 0.1882, 0.2588
CMYK	0.00, 0.17, 0.24, 0.02
HSL	18°, 83%, 86%
HSV	18°, 24%, 98%
XYZ	70.5651, 68.4395, 57.6351
YIQ	217.5060, 30.8100, 3.3060

Conversions

Conversions Part 2

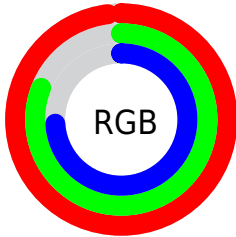
Format	Color
R _Y B	249, 215, 189
Decimal	16371645
CIE Lab	86.23, 12.12, 14.47
CIE LCh	86, 18.870, 50.050
Yxy	68.4395, 0.3589, 0.3480
Android (android.graphics.Color)	4294561725 (0xFFF9CFBD)
YUV	217.5060, -14.0535, 27.6202
Hunter-Lab	82.7282, 7.4817, 16.6036

Details

The YUV color $217.5060, -14.0535, 27.6202$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $220.4940, 14.0535, -27.6202$, and the grayscale version is $218.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.8600, -4.3680, 0.9998$, and $162.7230, -13.1744, 25.6759$ is the 20% darker color. If you saturate the color by 10%, you get $204.6770, -20.0538, 38.8713$, and if you desaturate by 10%, it is $230.3350, -8.0532, 16.3692$.

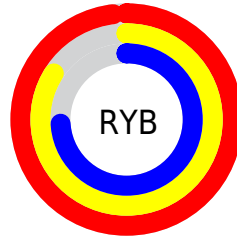
Distribution



Red (98%)

Green (81%)

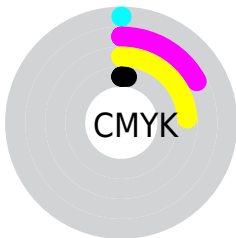
Blue (74%)



Red (98%)

Yellow (84%)

Blue (74%)

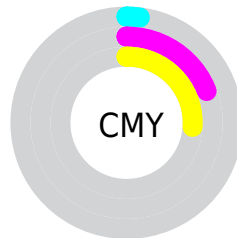


Cyan (0%)

Magenta (17%)

Yellow (24%)

Black (2%)



Cyan (2%)


Magenta (19%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the YUV color 217.5060, -14.0535, 27.6202 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 217.5060, -14.0535, 27.6202 by changing the saturation by 10% instead.

 217.5060,
-14.0535, 27.6202


 217.5060,
-14.0535, 27.6202


255.0000, 0.0000,
0.0000


 189.3210,
-13.4693, 26.9055


 253.8600, -4.3680,
0.9998

 162.7230,
-13.1744, 25.6759

 136.1250,
-12.8796, 24.4464

 110.6410,
-12.1480, 23.1168

 86.1570, -11.4164,
21.7873

 62.6730, -10.6848,
20.4578

 39.8900, -9.8058,

18.5135

■ 18.7050, -9.2216,
17.7987

■ 0.0000, 0.0000,
0.0000

■ 217.5060,
-14.0535, 27.6202

■ 217.5060,
-14.0535, 27.6202

■ 204.6770,
-20.0538, 38.8713

■ 230.3350, -8.0532,
16.3692

■ 191.2610,
-25.7647, 50.6371

■ 243.7510, -2.3422,
4.6034

■ 178.4320,
-31.7650, 61.8881

■ 253.2060, 0.8844,
-3.6887

■ 165.0160,
-37.4759, 73.6540

■ 152.3010,
-43.0394, 84.8050

■ 138.8850,
-48.7503, 96.5709

■ 126.0560,
-54.7506, 107.8219

■ 118.4760,
-58.4087, 114.4695

Harmonies

Analogous

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



218.9500, -7.3703, 30.7389



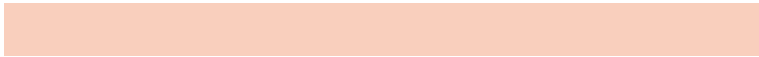
217.5060, -14.0535, 27.6202



215.6420, -17.0785, 17.8540

Triad

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



217.5060, -14.0535, 27.6202



210.0090, -0.4974, -27.1949



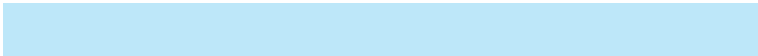
216.5060, 16.0195, -4.8288

Complementary

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



217.5060, -14.0535, 27.6202



220.4940, 14.0535, -27.6202

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.



213.5640, 17.9629, -21.5426



217.5060, -14.0535, 27.6202



209.0710, 8.8390, -35.1423

Square

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



217.5060, -14.0535, 27.6202



211.3930, -9.5607, -13.4997



210.8030, 15.3801, -33.1532



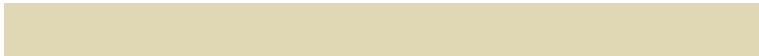
218.4220, 10.1450, 12.7849

Rectangle

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



217.5060, -14.0535, 27.6202



214.4020, -16.4672, 8.4174



210.8030, 15.3801, -33.1532



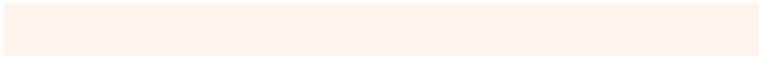
215.8150, 17.3462, -10.3618

Sweetspot

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



217.5060, -14.0535, 27.6202



245.9040, -4.3897, 7.9772



211.7280, 9.5011, 32.6875



122.0500, -2.4896, 5.2182



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.



217.5060, -14.0535, 27.6202



216.0400, -17.2747, 34.1679



235.1160, -22.7352, 12.1763



118.2350, -3.0739, 5.9329



89.9700, -44.3552, 86.8493



28.8050, -14.2009, 28.2350

Inverse Universe

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



220.4940, 14.0535, -27.6202



219.9600, 17.2747, -34.1679



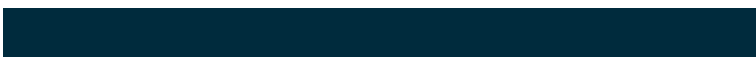
202.8840, 22.7352, -12.1763



118.7650, 3.0739, -5.9329



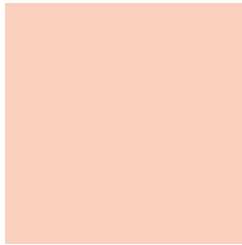
99.0300, 44.3552, -86.8493



32.1950, 14.2009, -28.2350

Previews

White Background



This preview shows how the YUV color 217.5060, -14.0535, 27.6202 looks on a white background.

Color Contrast Check

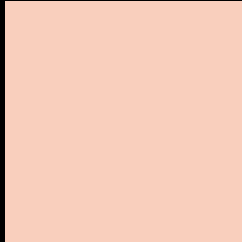
Large Text (above 18pt) WCAG AA × Fail

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 217.5060, -14.0535, 27.6202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

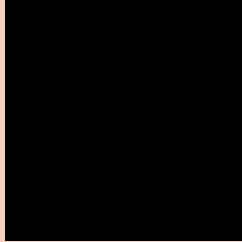
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 217.5060, -14.0535, 27.6202

Background



This preview shows how black text looks on a background with the YUV color 217.5060, -14.0535, 27.6202.



This preview shows how white text looks on a background with the YUV color 217.5060, -14.0535, 27.6202.

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

217.5060, -14.0535, 27.6202

Protanopia

215.4820, -11.0836, 8.3473

Deuteranopia

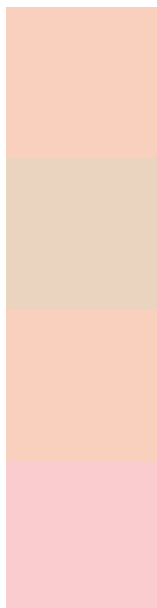
217.4950, -14.0480, 25.8759



Tritanopia

219.3610, -0.6710, 28.6244

Trichromacy



Original Color

217.5060, -14.0535, 27.6202

Protanomaly

216.2980, -11.9789, 15.5247

Deuteranomaly

217.7940, -14.1954, 26.4907

Tritanomaly

218.3950, -5.6177, 28.5946

Monochromacy



Original Color

217.5060, -14.0535, 27.6202

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

217.6870, -5.2687, 9.9215

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.5060, -14.0535, 27.6202 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(249, 207, 189)` looks like.

```
.text, #text, p{  
    color:rgb(249, 207, 189)  
}
```

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(249, 207, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 207, 189) }
```

Border

The CSS property to change the border of an element to YUV 217.5060, -14.0535, 27.6202 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(249, 207, 189) }
```


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

```
.border{ border-color:rgb(249, 207, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 207, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 207, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 207, 189);  
box-shadow:4px 4px 4px 4px rgb(249, 207,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 217.5060, -14.0535, 27.6202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 207, 189) }
```

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

```
.background{ background-color: rgb(249,  
207, 189) }
```

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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