

Converting Colors

YUV(217.8310, -10.2697,
27.3352)

Have a look what the booklet for
YUV(217.8310, -10.2697, 27.3352)
contains.

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Color

**YUV(217.8310, -10.2697,
27.3352)**

Conversions

Conversions Part 1

Format	Color
Hex	F9CEC5
RGB	249, 206, 197
RGB Percent	98%, 81%, 77%
CMY	0.0235, 0.1922, 0.2275
CMYK	0.00, 0.17, 0.21, 0.02
HSL	10°, 81%, 87%
HSV	10°, 21%, 98%
XYZ	71.2163, 68.3136, 62.2557
YIQ	217.8310, 28.5170, 6.3170

Conversions

Conversions Part 2

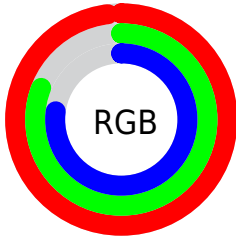
Format	Color
R _Y B	249, 208, 197
Decimal	16371397
CIE Lab	86.16, 13.78, 10.15
CIE LCh	86, 17.108, 36.369
Yxy	68.3136, 0.3529, 0.3385
Android (android.graphics.Color)	4294561477 (0xFFF9CEC5)
YUV	217.8310, -10.2697, 27.3352
Hunter-Lab	82.6520, 9.1617, 13.1976

Details

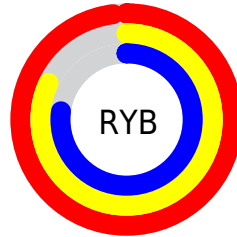
The YUV color $217.8310, -10.2697, 27.3352$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $228.1690, 10.2697, -27.3352$, and the grayscale version is $218.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.8860, -0.4368, 0.1000$, and $162.9340, -9.8275, 25.4909$ is the 20% darker color. If you saturate the color by 10%, you get $202.6540, -15.1124, 40.6454$, and if you desaturate by 10%, it is $233.0080, -5.4269, 14.0250$.

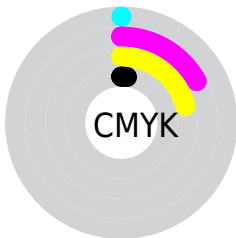
Distribution



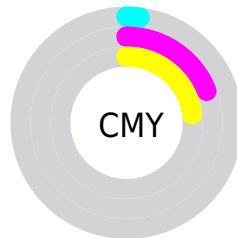
- Red (98%)
- Green (81%)
- Blue (77%)



- Red (98%)
- Yellow (82%)
- Blue (77%)



- Cyan (0%)
- Magenta (17%)
- Yellow (21%)
- Black (2%)



- Cyan (2%)
- Magenta (19%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 217.8310, -10.2697, 27.3352 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 217.8310, -10.2697, 27.3352 by changing the saturation by 10% instead.

217.8310,
-10.2697, 27.3352

217.8310,
-10.2697, 27.3352

255.0000, 0.0000,
0.0000

189.6460, -9.6855,
26.6205

254.8860, -0.4368,
0.1000

162.9340, -9.8275,
25.4909

136.4500, -9.0958,
24.1614

111.1510, -8.9484,
23.5466

86.5530, -8.6536,
22.3170

62.7700, -7.7746,
20.3727

40.2860, -7.0430,

19.0432

■ 18.4170, -9.0796,
18.9283

■ 0.0000, 0.0000,
0.0000

■ 217.8310,
-10.2697, 27.3352

■ 217.8310,
-10.2697, 27.3352

■ 202.6540,
-15.1124, 40.6454

■ 233.0080, -5.4269,
14.0250

■ 188.0640,
-20.2446, 53.4409

■ 247.5980, -0.2948,
1.2296

■ 172.8870,
-25.0873, 66.7511

■ 253.2060, 0.8844,
-3.6887

■ 158.2970,
-30.2194, 79.5465

■ 143.1200,
-35.0622, 92.8568

■ 128.0570,
-39.4681, 106.0670

■ 113.4670,
-44.6002, 118.8624

■ 99.6920, -49.1482,
130.9431

Harmonies

Analogous

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



218.4810, -2.7021, 26.7652



217.8310, -10.2697, 27.3352



216.2340, -14.9054, 20.8428

Triad

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



217.8310, -10.2697, 27.3352



211.0270, -4.4503, -19.3177



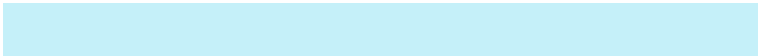
215.3480, 15.6044, -11.7062

Complementary

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



217.8310, -10.2697, 27.3352



228.1690, 10.2697, -27.3352

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.



212.6730, 15.9372, -25.1462



217.8310, -10.2697, 27.3352



209.5510, 4.1654, -29.4242

Square

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



217.8310, -10.2697, 27.3352



212.5790, -11.6244, -4.8928



210.1900, 11.7383, -31.7386



217.5350, 12.0612, 4.7928

Rectangle

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



217.8310, -10.2697, 27.3352



215.5490, -16.0467, 13.5505



210.1900, 11.7383, -31.7386



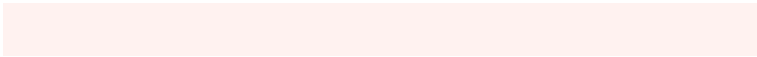
214.7280, 15.9101, -16.4245

Sweetspot

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



217.8310, -10.2697, 27.3352



245.6590, -2.7899, 8.1921



217.4500, 11.1172, 27.6694



122.2780, -1.6161, 5.0182



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.



217.8310, -10.2697, 27.3352



216.5930, -12.6173, 33.6829



233.0930, -17.7938, 13.9504



117.6480, -2.7845, 6.4477



75.8820, -37.4098, 99.2045



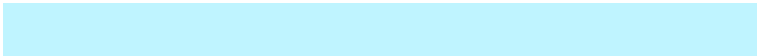
24.6960, -12.1751, 31.8386

Inverse Universe

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



228.1690, 10.2697, -27.3352



229.4070, 12.6173, -33.6829



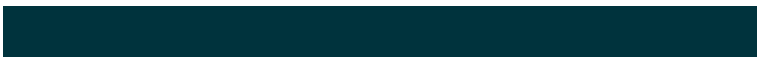
212.9070, 17.7938, -13.9504



119.9390, 2.4951, -6.9625



113.1180, 37.4098, -99.2045



36.8910, 11.8857, -32.3534

Previews

White Background



This preview shows how the YUV color 217.8310, -10.2697, 27.3352 looks on a white background.

Color Contrast Check

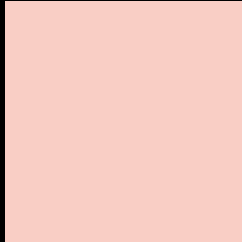
Large Text (above 18pt) WCAG AA × Fail

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 217.8310, -10.2697, 27.3352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

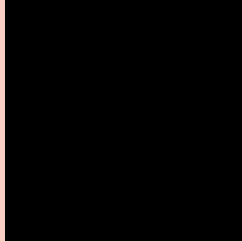
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 217.8310, -10.2697, 27.3352

Background



This preview shows how black text looks on a background with the YUV color 217.8310, -10.2697, 27.3352.



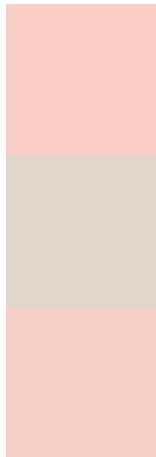
This preview shows how white text looks on a background with the YUV color 217.8310, -10.2697, 27.3352.

27.3352.

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

217.8310, -10.2697, 27.3352

Protanopia

215.9100, -6.8576, 6.2179

Deuteranopia

217.5100, -10.1114, 23.2317



Tritanopia

219.3610, -0.6710, 28.6244

Trichromacy



Original Color

217.8310, -10.2697, 27.3352

Protanomaly

216.6120, -8.1897, 13.4953

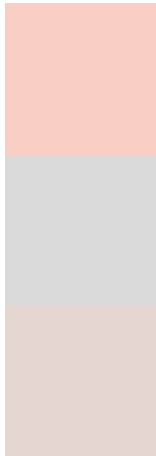
Deuteranomaly

217.5210, -10.1169, 24.9761

Tritanomaly

218.7370, -4.3073, 28.2947

Monochromacy



Original Color

217.8310, -10.2697, 27.3352

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

218.0290, -3.9583, 9.6216

CSS Examples

Text

The CSS property to change the color of the text to YUV 217.8310, -10.2697, 27.3352 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, 206, 197)` looks like.

```
.text, #text, p{  
    color:rgb(249, 206, 197)  
}
```

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, 206, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 206, 197) }
```

Border

The CSS property to change the border of an element to YUV 217.8310, -10.2697, 27.3352 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, 206, 197) }
```


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

```
.border{ border-color:rgb(249, 206, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 206, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 206, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 206, 197);  
box-shadow:4px 4px 4px 4px rgb(249, 206,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 217.8310, -10.2697, 27.3352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 206, 197) }
```

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

```
.background{ background-color: rgb(249,  
206, 197) }
```

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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