

Converting Colors

YUV(216.3150, -11.0013,
28.6647)

Have a look what the booklet for
YUV(216.3150, -11.0013, 28.6647)
contains.

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Color

**YUV(216.3150, -11.0013,
28.6647)**

Conversions

Conversions Part 1

Format	Color
Hex	F9CCC2
RGB	249, 204, 194
RGB Percent	98%, 80%, 76%
CMY	0.0235, 0.2000, 0.2392
CMYK	0.00, 0.18, 0.22, 0.02
HSL	11°, 82%, 87%
HSV	11°, 22%, 98%
XYZ	70.3974, 67.2205, 60.3034
YIQ	216.3150, 30.0300, 6.4300

Conversions

Conversions Part 2

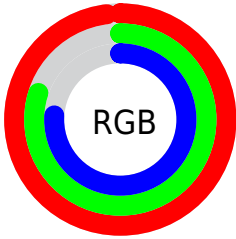
Format	Color
R _Y B	249, 206, 194
Decimal	16370882
CIE Lab	85.62, 14.39, 10.95
CIE LCh	86, 18.085, 37.280
Yxy	67.2205, 0.3557, 0.3396
Android (android.graphics.Color)	4294560962 (0xFFF9CCC2)
YUV	216.3150, -11.0013, 28.6647
Hunter-Lab	81.9881, 9.7861, 13.7830

Details

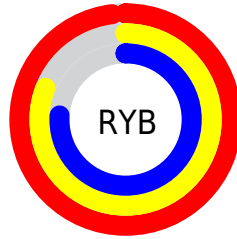
The YUV color $216.3150, -11.0013, 28.6647$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $226.6850, 11.0013, -28.6647$, and the grayscale version is $216.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.4300, -2.1840, 0.4999$, and $161.4180, -10.5591, 26.8204$ is the 20% darker color. If you saturate the color by 10%, you get $201.7250, -16.1334, 41.4602$, and if you desaturate by 10%, it is $230.9050, -5.8692, 15.8693$.

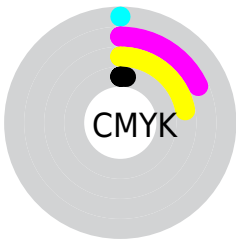
Distribution



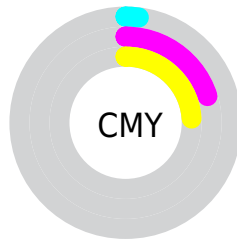
- Red (98%)
- Green (80%)
- Blue (76%)



- Red (98%)
- Yellow (81%)
- Blue (76%)



- Cyan (0%)
- Magenta (18%)
- Yellow (22%)
- Black (2%)



- Cyan (2%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.3150, -11.0013, 28.6647 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 216.3150, -11.0013, 28.6647 by changing the saturation by 10% instead.

216.3150,
-11.0013, 28.6647

216.3150,
-11.0013, 28.6647

255.0000, 0.0000,
0.0000

188.7170,
-10.7065, 27.4352

254.4300, -2.1840,
0.4999

161.4180,
-10.5591, 26.8204

134.9340, -9.8275,
25.4909

109.3360, -9.5326,
24.2613

84.8520, -8.8010,
22.9318

61.3680, -8.0694,
21.6023

38.8840, -7.3378,

20.2727

■ 16.6560, -8.2114,
20.4727

■ 0.0000, 0.0000,
0.0000

■ 216.3150,
-11.0013, 28.6647

■ 216.3150,
-11.0013, 28.6647

■ 201.7250,
-16.1334, 41.4602

■ 230.9050, -5.8692,
15.8693

■ 186.5480,
-20.9762, 54.7704

■ 246.0820, -1.0264,
2.5591

■ 171.9580,
-26.1083, 67.5658

■ 253.2060, 0.8844,
-3.6887

■ 157.3680,
-31.2404, 80.3613

■ 142.3050,
-35.6464, 93.5715

■ 127.7150,
-40.7785, 106.3669

■ 112.5380,
-45.6212, 119.6772

■ 100.8660,
-49.7269, 129.9135

Harmonies

Analogous

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



216.9650, -3.4337, 28.0947



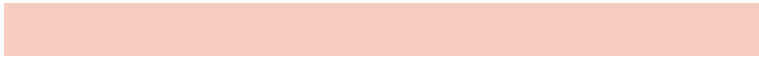
216.3150, -11.0013, 28.6647



215.3050, -15.9264, 21.6575

Triad

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



216.3150, -11.0013, 28.6647



209.0160, -4.4449, -21.0620



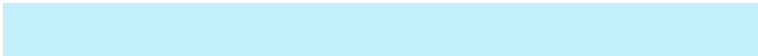
213.9890, 16.7674, -11.3914

Complementary

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



216.3150, -11.0013, 28.6647



226.6850, 11.0013, -28.6647

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.



210.6020, 16.9582, -25.9610



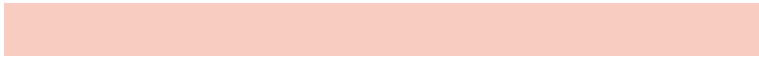
216.3150, -11.0013, 28.6647



207.7680, 5.0444, -31.3685

Square

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



216.3150, -11.0013, 28.6647



210.8670, -11.7664, -6.0224



208.4070, 12.6173, -33.6829



215.9480, 12.3506, 5.3076

Rectangle

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



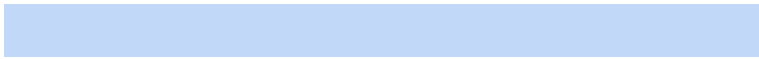
216.3150, -11.0013, 28.6647



213.4350, -16.4835, 13.6505



208.4070, 12.6173, -33.6829



212.7710, 17.3679, -17.3392

Sweetspot

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



216.3150, -11.0013, 28.6647



244.1430, -3.5215, 9.5216



215.6890, 11.9853, 29.2137



121.4630, -2.2003, 5.7329



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

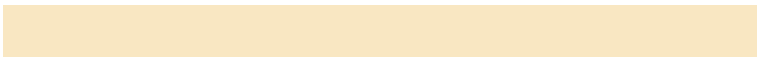
The Same Dimension uses a secret algorithm to generate beautiful new colors.



216.3150, -11.0013, 28.6647



214.2620, -13.9332, 35.7272



232.1640, -18.8149, 14.7652



117.6480, -2.7845, 6.4477



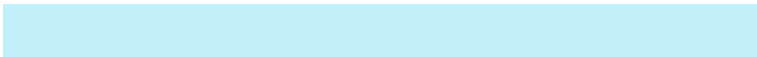
76.4690, -37.6992, 98.6897



24.6960, -12.1751, 31.8386

Inverse Universe

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



226.6850, 11.0013, -28.6647



226.7380, 13.9332, -35.7272



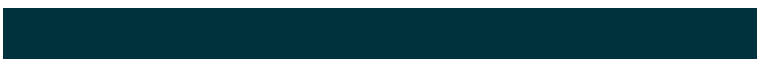
210.8360, 18.8149, -14.7652



119.9390, 2.4951, -6.9625



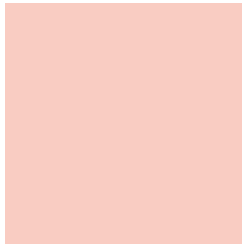
111.9440, 37.9886, -98.1749



36.3040, 12.1751, -31.8386

Previews

White Background



This preview shows how the YUV color 216.3150, -11.0013, 28.6647 looks on a white background.

Color Contrast Check

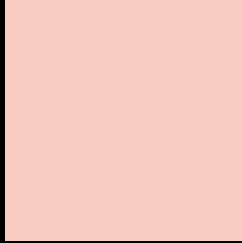
Large Text (above 18pt) WCAG AA × Fail

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 216.3150, -11.0013, 28.6647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

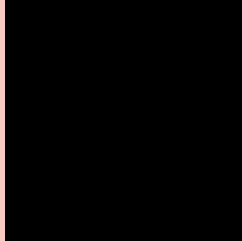
Any Text WCAG AA ✓ Pass

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 216.3150, -11.0013, 28.6647 Background



This preview shows how black text looks on a background with the YUV color 216.3150, -11.0013, 28.6647.



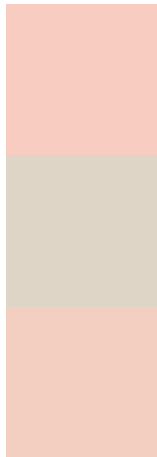
This preview shows how white text looks on a background with the YUV color 216.3150, -11.0013,

28.6647.

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

216.3150, -11.0013, 28.6647

Protanopia

214.0950, -7.4418, 6.9327

Deuteranopia

216.2820, -10.9850, 23.4317



Tritanopia

217.9590, -0.9658, 29.8540

Trichromacy



Original Color

216.3150, -11.0013, 28.6647

Protanomaly

215.0960, -8.9213, 14.8248

Deuteranomaly

216.2930, -10.9904, 25.1760

Tritanomaly

217.3350, -4.6022, 29.5242

Monochromacy



Original Color

216.3150, -11.0013, 28.6647

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

216.3280, -4.1057, 10.2363

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.3150, -11.0013, 28.6647 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, 204, 194)` looks like.

```
.text, #text, p{  
    color:rgb(249, 204, 194)  
}
```

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, 204, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 204, 194) }
```

Border

The CSS property to change the border of an element to YUV 216.3150, -11.0013, 28.6647 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, 204, 194) }
```


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

```
.border{ border-color:rgb(249, 204, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 204, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 204, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 204, 194);  
box-shadow:4px 4px 4px 4px rgb(249, 204,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 216.3150, -11.0013, 28.6647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 204, 194) }
```

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

```
.background{ background-color: rgb(249,  
204, 194) }
```

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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