

Converting Colors

YUV(216.4290, -10.5645,
28.5648)

Have a look what the booklet for
YUV(216.4290, -10.5645, 28.5648)
contains.

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Color

**YUV(216.4290, -10.5645,
28.5648)**

Conversions

Conversions Part 1

Format	Color
Hex	F9CCC3
RGB	249, 204, 195
RGB Percent	98%, 80%, 76%
CMY	0.0235, 0.2000, 0.2353
CMYK	0.00, 0.18, 0.22, 0.02
HSL	10°, 82%, 87%
HSV	10°, 22%, 98%
XYZ	70.5101, 67.2656, 60.8970
YIQ	216.4290, 29.7090, 6.7410

Conversions

Conversions Part 2

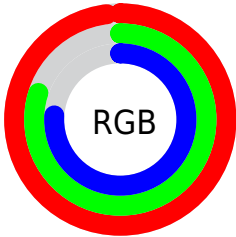
Format	Color
R _Y B	249, 206, 195
Decimal	16370883
CIE Lab	85.64, 14.53, 10.46
CIE LCh	86, 17.904, 35.734
Yxy	67.2656, 0.3549, 0.3386
Android (android.graphics.Color)	4294560963 (0xFFF9CCC3)
YUV	216.4290, -10.5645, 28.5648
Hunter-Lab	82.0156, 9.9320, 13.3878

Details

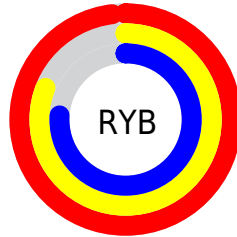
The YUV color $216.4290, -10.5645, 28.5648$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $227.5710, 10.5645, -28.5648$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.6580, -1.3104, 0.2999$, and $161.5320, -10.1223, 26.7204$ is the 20% darker color. If you saturate the color by 10%, you get $201.2520, -15.4072, 41.8750$, and if you desaturate by 10%, it is $231.6060, -5.7218, 15.2545$.

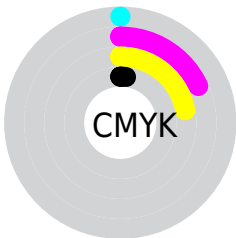
Distribution



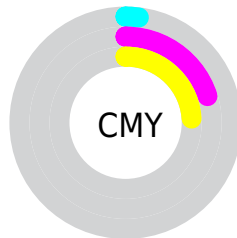
- Red (98%)
- Green (80%)
- Blue (76%)



- 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 216.4290, -10.5645, 28.5648 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 216.4290, -10.5645, 28.5648 by changing the saturation by 10% instead.

216.4290,
-10.5645, 28.5648

216.4290,
-10.5645, 28.5648

255.0000, 0.0000,
0.0000

188.8310,
-10.2697, 27.3352

254.6580, -1.3104,
0.2999

161.5320,
-10.1223, 26.7204

135.0480, -9.3907,
25.3909

109.4500, -9.0958,
24.1614

84.9660, -8.3642,
22.8318

61.4820, -7.6326,
21.5023

38.9980, -6.9010,

20.1728

■ 16.6560, -8.2114,
20.4727

■ 0.0000, 0.0000,
0.0000

■ 216.4290,
-10.5645, 28.5648

■ 216.4290,
-10.5645, 28.5648

■ 201.2520,
-15.4072, 41.8750

■ 231.6060, -5.7218,
15.2545

■ 186.6620,
-20.5394, 54.6704

■ 246.1960, -0.5896,
2.4591

■ 171.4850,
-25.3821, 67.9807

■ 253.2060, 0.8844,
-3.6887

■ 156.3080,
-30.2248, 81.2909

■ 141.1310,
-35.0676, 94.6011

■ 126.6550,
-39.7629, 107.2966

■ 111.4780,
-44.6057, 120.6068

■ 99.1050, -48.8588,
131.4579

Harmonies

Analogous

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



217.0790, -2.9969, 27.9947



216.4290, -10.5645, 28.5648



214.8320, -15.2002, 22.0723

Triad

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



216.4290, -10.5645, 28.5648



209.3150, -4.5923, -20.4473



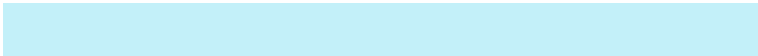
213.5760, 16.4780, -11.9062

Complementary

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



216.4290, -10.5645, 28.5648



227.5710, 10.5645, -28.5648

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.



210.7760, 16.3794, -26.9906



216.4290, -10.5645, 28.5648



207.9530, 4.4602, -30.6538

Square

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



216.4290, -10.5645, 28.5648



211.0520, -12.3506, -5.3076



208.2930, 12.1806, -33.5830



216.3500, 12.6455, 4.0781

Rectangle

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



216.4290, -10.5645, 28.5648



213.8480, -16.1941, 14.1653



208.2930, 12.1806, -33.5830



212.6570, 16.9311, -17.2392

Sweetspot

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



216.4290, -10.5645, 28.5648



244.1430, -3.5215, 9.5216



216.2760, 11.6959, 28.6989



121.4630, -2.2003, 5.7329



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

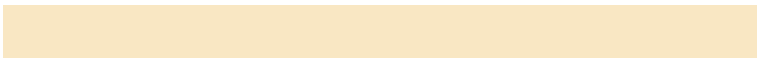
The Same Dimension uses a secret algorithm to generate beautiful new colors.



216.4290, -10.5645, 28.5648



215.1910, -12.9122, 34.9125



232.2780, -18.3781, 14.6652



117.6480, -2.7845, 6.4477



74.7080, -36.8310, 100.2341



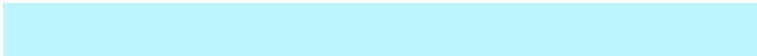
24.1090, -11.8857, 32.3534

Inverse Universe

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



227.5710, 10.5645, -28.5648



228.8090, 12.9122, -34.9125



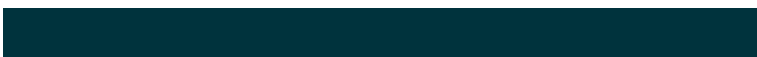
211.7220, 18.3781, -14.6652



119.9390, 2.4951, -6.9625



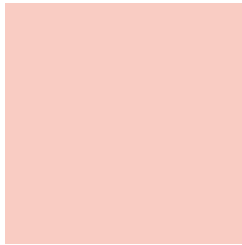
113.7050, 37.1204, -99.7193



36.8910, 11.8857, -32.3534

Previews

White Background



This preview shows how the YUV color 216.4290, -10.5645, 28.5648 looks on a white background.

Color Contrast Check

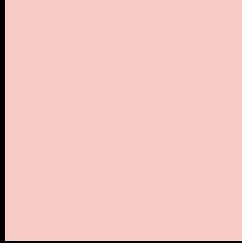
Large Text (above 18pt) WCAG AA × Fail

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 216.4290, -10.5645, 28.5648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

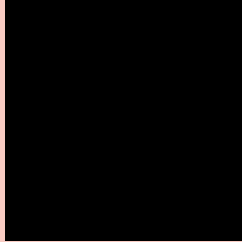
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 216.4290, -10.5645, 28.5648

Background



This preview shows how black text looks on a background with the YUV color 216.4290, -10.5645, 28.5648.



This preview shows how white text looks on a background with the YUV color 216.4290, -10.5645, 28.5648.

28.5648.

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

216.4290, -10.5645, 28.5648

Protanopia

213.9100, -6.8576, 6.2179

Deuteranopia

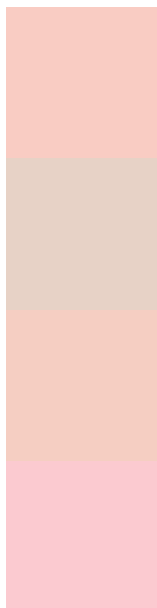
215.9830, -10.8376, 22.8169



Tritanopia

217.9590, -0.9658, 29.8540

Trichromacy



Original Color

216.4290, -10.5645, 28.5648

Protanomaly

214.9110, -8.3371, 14.1101

Deuteranomaly

216.2930, -10.9904, 25.1760

Tritanomaly

217.3350, -4.6022, 29.5242

Monochromacy



Original Color

216.4290, -10.5645, 28.5648

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 216.4290, -10.5645, 28.5648 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, 195)` looks like.

```
.text, #text, p{  
    color:rgb(249, 204, 195)  
}
```

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, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 204, 195) }
```

Border

The CSS property to change the border of an element to YUV 216.4290, -10.5645, 28.5648 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, 195) }
```


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

```
.border{ border-color:rgb(249, 204, 195) }
```

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, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 204, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 204, 195);  
box-shadow:4px 4px 4px 4px rgb(249, 204,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 216.4290, -10.5645, 28.5648 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, 195) }
```

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

```
.background{ background-color: rgb(249,  
204, 195) }
```

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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