

Converting Colors

YUV(218.4340, -11.5530,
18.9134)

Have a look what the booklet for
YUV(218.4340, -11.5530, 18.9134)
contains.

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Color

**YUV(218.4340, -11.5530,
18.9134)**

Conversions

Conversions Part 1

Format	Color
Hex	F0D4C3
RGB	240, 212, 195
RGB Percent	94%, 83%, 76%
CMY	0.0588, 0.1686, 0.2353
CMYK	0.00, 0.12, 0.19, 0.06
HSL	23°, 60%, 85%
HSV	23°, 19%, 94%
XYZ	69.3290, 69.5524, 61.4007
YIQ	218.4340, 22.1450, 0.6490

Conversions

Conversions Part 2

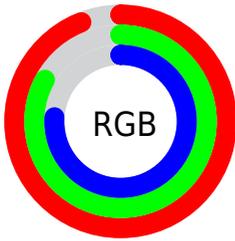
Format	Color
R _Y B	240, 222, 195
Decimal	15783107
CIE Lab	86.78, 7.08, 11.97
CIE LCh	87, 13.906, 59.382
Yxy	69.5524, 0.3462, 0.3473
Android (android.graphics.Color)	4293973187 (0xFFFF0D4C3)
YUV	218.4340, -11.5530, 18.9134
Hunter-Lab	83.3981, 2.4408, 14.7272

Details

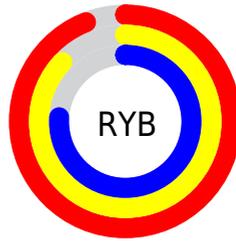
The YUV color $218.4340, -11.5530, 18.9134$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $216.5660, 11.5530, -18.9134$, and the grayscale version is $219.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.6580, -1.3104, 0.2999$, and $163.2490, -10.9688, 18.1986$ is the 20% darker color. If you saturate the color by 10%, you get $206.8930, -17.6952, 29.0348$, and if you desaturate by 10%, it is $229.9750, -5.4107, 8.7919$.

Distribution



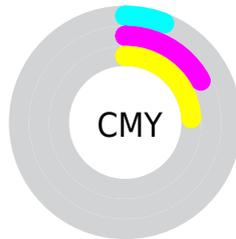
- Red (94%)
- Green (83%)
- Blue (76%)



- Red (94%)
- Yellow (87%)
- Blue (76%)



- Cyan (0%)
- Magenta (12%)
- Yellow (19%)
- Black (6%)



- Cyan (6%)
- Magenta (17%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.4340, -11.5530, 18.9134 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 218.4340, -11.5530, 18.9134 by changing the saturation by 10% instead.

■ 218.4340,
-11.5530, 18.9134

■ 218.4340,
-11.5530, 18.9134

255.0000, 0.0000,
0.0000

■ 190.2490,
-10.9688, 18.1986

254.6580, -1.3104,
0.2999

■ 163.2490,
-10.9688, 18.1986

■ 136.7650,
-10.2371, 16.8691

■ 111.4660,
-10.0897, 16.2543

■ 86.9820, -9.3581,
14.9248

■ 63.6830, -9.2107,
14.3100

■ 41.3130, -8.0423,

12.8805

■ 20.4440, -10.0789,
12.7656

■ 0.0000, 0.0000,
0.0000

■ 218.4340,
-11.5530, 18.9134

■ 218.4340,
-11.5530, 18.9134

■ 206.8930,
-17.6952, 29.0348

■ 229.9750, -5.4107,
8.7919

■ 195.3520,
-23.8375, 39.1563

■ 241.5160, 0.7316,
-1.3295

■ 183.8110,
-29.9798, 49.2778

■ 250.5150, 2.2111,
-9.2217

■ 172.2700,
-36.1221, 59.3992

■ 160.7290,
-42.2644, 69.5207

■ 149.1880,
-48.4067, 79.6421

■ 137.6470,
-54.5490, 89.7636

■ 126.6930,
-60.9806, 99.3702

■ 125.1770,
-61.7123, 100.6998

Harmonies

Analogous

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



219.6070, -7.2013, 23.1467



218.4340, -11.5530, 18.9134



217.0370, -12.8362, 10.4916

Triad

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



218.4340, -11.5530, 18.9134



212.9110, 1.5229, -21.8469



218.7580, 10.4723, 1.0892

Complementary

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



218.4340, -11.5530, 18.9134



216.5660, 11.5530, -18.9134

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.



216.3650, 13.1311, -11.7211



218.4340, -11.5530, 18.9134



213.3110, 8.2277, -25.7057

Square

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



218.4340, -11.5530, 18.9134



214.1310, -5.4876, -13.2699



214.3700, 12.1426, -21.3725



219.5700, 5.6350, 12.6551

Rectangle

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



218.4340, -11.5530, 18.9134



215.9220, -11.7935, 2.6994



214.3700, 12.1426, -21.3725



217.7790, 11.9410, -3.3142

Sweetspot

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



218.4340, -11.5530, 18.9134



247.4200, -3.6581, 6.6477



211.6470, 5.5970, 24.8656



123.4520, -2.1948, 3.9886



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

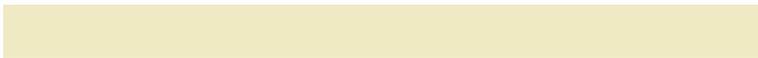
The Same Dimension uses a secret algorithm to generate beautiful new colors.



218.4340, -11.5530, 18.9134



227.1420, -15.3530, 24.4315



231.3480, -17.9196, 7.5878



113.9360, -2.9264, 5.3181



95.5190, -47.0909, 77.5978



29.0710, -14.3320, 23.6167

Inverse Universe

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



216.5660, 11.5530, -18.9134



224.4450, 15.0636, -24.9463



203.6520, 17.9196, -7.5878



113.4770, 3.2158, -4.8033



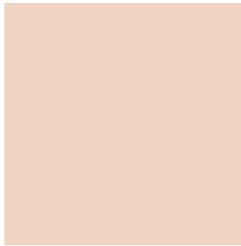
87.8940, 47.3803, -77.0830



26.9290, 14.3320, -23.6167

Previews

White Background



This preview shows how the YUV color 218.4340, -11.5530, 18.9134 looks on a white background.

Color Contrast Check

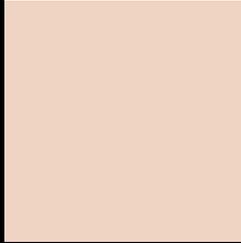
Large Text (above 18pt) WCAG AA × Fail

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 218.4340, -11.5530, 18.9134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

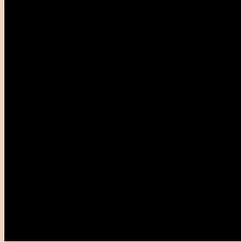
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

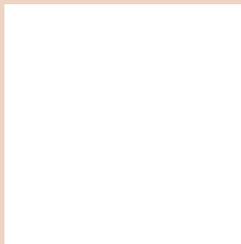
Any Text WCAG AAA ✓ Pass

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

YUV 218.4340, -11.5530, 18.9134 Background



This preview shows how black text looks on a background with the YUV color 218.4340, -11.5530, 18.9134.



This preview shows how white text looks on a background with the YUV color 218.4340, -11.5530, 18.9134.

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

218.4340, -11.5530, 18.9134

Protanopia

217.4110, -10.0626, 7.5326

Deuteranopia

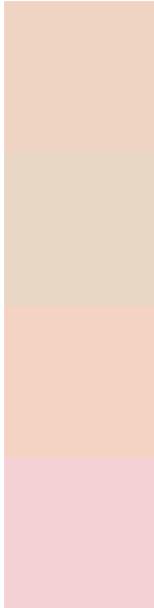
219.0540, -11.8586, 23.6316



Tritanopia

220.5880, 1.6821, 20.5323

Trichromacy



Original Color

218.4340, -11.5530, 18.9134

Protanomaly

217.6180, -10.6577, 11.7360

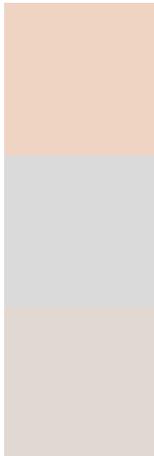
Deuteranomaly

219.0430, -11.8532, 21.8873

Tritanomaly

219.6220, -3.2646, 20.5025

Monochromacy



Original Color

218.4340, -11.5530, 18.9134

Achromatopsia

218.0000, 0.0000, 0.0000

Achromatomaly

218.3060, -4.0949, 6.7476

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.4340, -11.5530, 18.9134 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(240, 212, 195)` looks like.

```
.text, #text, p{  
    color:rgb(240, 212, 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(240, 212, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 212, 195) }
```

Border

The CSS property to change the border of an element to YUV 218.4340, -11.5530, 18.9134 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(240, 212, 195) }
```

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

```
.border{ border-color:rgb(240, 212, 195) }
```

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

Here you see how a box with a 4 pixel rgb(240, 212, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 212, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 212, 195);  
box-shadow:4px 4px 4px 4px rgb(240, 212,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 218.4340, -11.5530, 18.9134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 212, 195) }
```

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

```
.background{ background-color: rgb(240,  
212, 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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