

Converting Colors

YUV(216.9110, -41.8611,
33.4041)

Have a look what the booklet for
YUV(216.9110, -41.8611, 33.4041)
contains.

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Color

**YUV(216.9110, -41.8611,
33.4041)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD684
RGB	255, 214, 132
RGB Percent	100%, 84%, 52%
CMY	0.0000, 0.1608, 0.4824
CMYK	0.00, 0.16, 0.48, 0.00
HSL	40°, 100%, 76%
HSV	40°, 48%, 100%
XYZ	69.4514, 71.0191, 31.8774
YIQ	216.9110, 50.7580, -16.8100

Conversions

Conversions Part 2

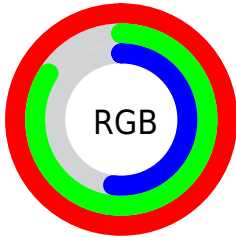
Format	Color
RYB	194, 255, 132
Decimal	16766596
CIELab	87.49, 4.25, 45.64
CIElCh	87, 45.834, 84.674
Yxy	71.0191, 0.4030, 0.4121
Android (android.graphics.Color)	4294956676 (0xFFFFD684)
YUV	216.9110, -41.8611, 33.4041
Hunter-Lab	84.2728, -0.3709, 36.5637

Details

The YUV color **216.9110, -41.8611, 33.4041** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **170.0890, 41.8611, -33.4041**, and the grayscale version is **217.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **247.1340, -30.1391, 6.8985**, and **161.6440, -40.2505, 30.1302** is the 20% darker color. If you saturate the color by 10%, you get **209.3650, -50.4659, 40.0219**, and if you desaturate by 10%, it is **225.1580, -33.1089, 26.1714**.

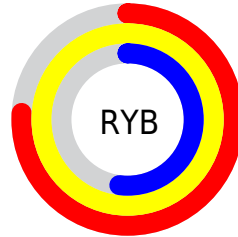
Distribution



Red (100%)

Green (84%)

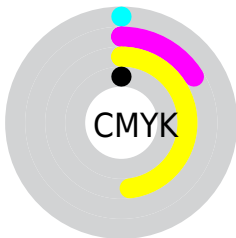
Blue (52%)



Red (76%)

Yellow (100%)

Blue (52%)

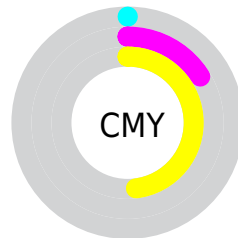


Cyan (0%)

Magenta (16%)

Yellow (48%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.9110, -41.8611, 33.4041 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 216.9110, -41.8611, 33.4041 by changing the saturation by 10% instead.

216.9110,
-41.8611, 33.4041

216.9110,
-41.8611, 33.4041

255.0000, 0.0000,
0.0000

188.5410,
-40.6927, 31.9745

247.1340,
-30.1391, 6.8985

161.6440,
-40.2505, 30.1302

250.3260,
-17.9087, 4.0991

134.2740,
-39.0821, 28.7007

253.6320, -5.2416,
1.1997

108.3770,
-38.6399, 26.8564

82.7960, -40.8184,
25.6119

61.5210, -30.3299,
21.4681

41.1210, -20.2727,

15.6799

■ 21.9060, -10.7997,
10.6064

■ 0.0000, 0.0000,
0.0000

■ 216.9110,
-41.8611, 33.4041

■ 216.9110,
-41.8611, 33.4041

■ 209.3650,
-50.4659, 40.0219

■ 225.1580,
-33.1089, 26.1714

■ 201.1180,
-59.2182, 47.2545

■ 232.7040,
-24.5041, 19.5536

■ 193.5720,
-67.8230, 53.8724

■ 240.9510,
-15.7518, 12.3210

■ 185.3250,
-76.5752, 61.1050

■ 248.4970, -7.1470,
5.7031

■ 177.7790,
-85.1800, 67.7228

255.0000, 0.0000,
0.0000

■ 176.0350,
-86.7853, 69.2523

Harmonies

Analogous

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



210.1580, -29.6579, 39.3264



216.9110, -41.8611, 33.4041



212.7710, -36.3691, -1.5532

Triad

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



216.9110, -41.8611, 33.4041



180.8770, 36.0496, -129.6881



219.7800, 17.3635, 30.8879

Complementary

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



216.9110, -41.8611, 33.4041



170.0890, 41.8611, -33.4041

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.



216.6140, 18.9243, -3.1695



216.9110, -41.8611, 33.4041



186.4280, 33.8060, -110.0004

Square

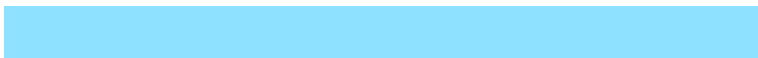
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



216.9110, -41.8611, 33.4041



196.4920, 6.6594, -82.8695



204.1900, 25.0493, -54.5406



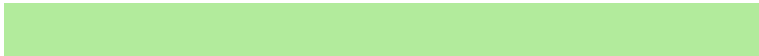
211.5330, 8.6112, 38.1206

Rectangle

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



216.9110, -41.8611, 33.4041



208.9510, -26.1048, -27.1440



204.1900, 25.0493, -54.5406



221.5190, 16.5061, 25.8548

Sweetspot

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



216.9110, -41.8611, 33.4041



243.8520, -12.2520, 9.7768



173.4510, -0.2223, 71.5185



120.7960, -7.2944, 6.3179



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.



216.9110, -41.8611, 33.4041



209.3650, -50.4659, 40.0219



234.9980, -50.7780, 0.0018



123.5830, -4.2314, 3.8737



132.2450, -65.1968, 51.5281



44.3770, -21.8779, 17.2094

Inverse Universe

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



170.0890, 41.8611, -33.4041



152.6350, 50.4659, -40.0219



152.0020, 50.7780, -0.0018



118.8300, 4.5208, -3.3589



59.3420, 64.9074, -52.0429



19.6230, 21.8779, -17.2094

Previews

White Background



This preview shows how the YUV color 216.9110, -41.8611, 33.4041 looks on a white background.

Color Contrast Check

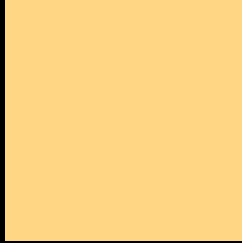
Large Text (above 18pt) WCAG AA × Fail

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 216.9110, -41.8611, 33.4041 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 216.9110, -41.8611, 33.4041 Background



This preview shows how black text looks on a background with the YUV color 216.9110, -41.8611, 33.4041.



This preview shows how white text looks on a background with the YUV color 216.9110, -41.8611, 33.4041.

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

216.9110, -41.8611, 33.4041

Protanopia

216.1760, -40.5128, 20.8936

Deuteranopia

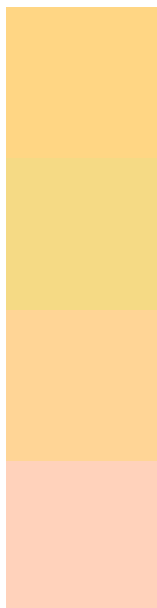
219.0430, -28.6152, 31.5343



Tritanopia

222.7200, -1.8340, 28.3096

Trichromacy



Original Color

216.9110, -41.8611, 33.4041

Protanomaly

216.3830, -41.1078, 25.0971

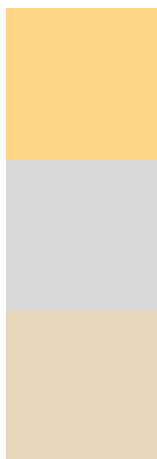
Deuteranomaly

218.3760, -33.7094, 32.1192

Tritanomaly

220.8330, -16.6797, 29.9645

Monochromacy



Original Color

216.9110, -41.8611, 33.4041

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

217.0650, -15.3150, 12.2210

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.9110, -41.8611, 33.4041 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(255, 214, 132)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 132)  
}
```

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(255, 214, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 132) }
```

Border

The CSS property to change the border of an element to YUV 216.9110, -41.8611, 33.4041 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(255, 214, 132) }
```


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

```
.border{ border-color:rgb(255, 214, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 214, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 132);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 216.9110, -41.8611, 33.4041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 132) }
```

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

```
.background{ background-color: rgb(255,  
214, 132) }
```

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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