

Converting Colors

YUV(215.9820, -42.8821,
34.2188)

Have a look what the booklet for
YUV(215.9820, -42.8821, 34.2188)
contains.

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Color

**YUV(215.9820, -42.8821,
34.2188)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD581
RGB	255, 213, 129
RGB Percent	100%, 84%, 51%
CMY	0.0000, 0.1647, 0.4941
CMYK	0.00, 0.16, 0.49, 0.00
HSL	40°, 100%, 75%
HSV	40°, 49%, 100%
XYZ	68.9967, 70.4335, 30.7274
YIQ	215.9820, 51.9960, -17.2200

Conversions

Conversions Part 2

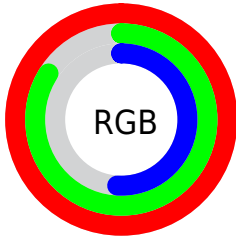
Format	Color
RYB	192, 255, 129
Decimal	16766337
CIELab	87.21, 4.50, 46.76
CIELCh	87, 46.977, 84.504
Yxy	70.4335, 0.4055, 0.4139
Android (android.graphics.Color)	4294956417 (0xFFFFD581)
YUV	215.9820, -42.8821, 34.2188
Hunter-Lab	83.9247, -0.1185, 37.0394

Details

The YUV color $215.9820, -42.8821, 34.2188$ is a light color, and the websafe version is hex FFCC66 . A complement of this color would be $168.0180, 42.8821, -34.2188$, and the grayscale version is $216.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $246.7920, -31.4495, 7.1984$, and $160.7150, -41.2715, 30.9449$ is the 20% darker color. If you saturate the color by 10%, you get $208.4360, -51.4869, 40.8366$, and if you desaturate by 10%, it is $224.2290, -34.1299, 26.9862$.

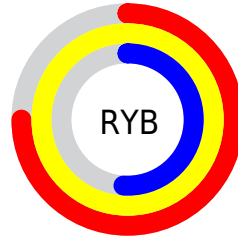
Distribution



Red (100%)

Green (84%)

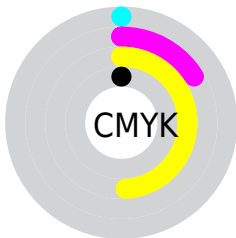
Blue (51%)



Red (75%)

Yellow (100%)

Blue (51%)

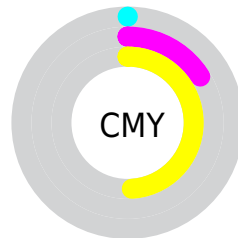


Cyan (0%)

Magenta (16%)

Yellow (49%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.9820, -42.8821, 34.2188 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 215.9820, -42.8821, 34.2188 by changing the saturation by 10% instead.

215.9820,
-42.8821, 34.2188

215.9820,
-42.8821, 34.2188

255.0000, 0.0000,
0.0000

187.6120,
-41.7137, 32.7893

246.7920,
-31.4495, 7.1984

160.7150,
-41.2715, 30.9449

249.9840,
-19.2191, 4.3990

133.9320,
-40.3925, 29.0006

253.2900, -6.5520,
1.4997

107.4480,
-39.6609, 27.6711

82.2090, -40.5290,
26.1267

60.6350, -29.8931,
21.3681

40.5340, -19.9833,

16.1947

■ 21.3190, -10.5103,
11.1212

■ 0.0000, 0.0000,
0.0000

■ 215.9820,
-42.8821, 34.2188

■ 215.9820,
-42.8821, 34.2188

■ 208.4360,
-51.4869, 40.8366

■ 224.2290,
-34.1299, 26.9862

■ 200.1890,
-60.2392, 48.0692

■ 231.7750,
-25.5251, 20.3683

■ 192.6430,
-68.8440, 54.6871

■ 240.0220,
-16.7728, 13.1357

■ 184.3960,
-77.5962, 61.9197

■ 247.5680, -8.1680,
6.5179

■ 176.8500,
-86.2010, 68.5376

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.



208.6420, -30.3895, 40.6560



215.9820, -42.8821, 34.2188



211.5430, -37.2427, -1.3532

Triad

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



215.9820, -42.8821, 34.2188



171.0100, 40.9141, -149.9758



219.1930, 17.6529, 31.4027

Complementary

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



215.9820, -42.8821, 34.2188



168.0180, 42.8821, -34.2188

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.



215.7280, 19.3611, -3.2695



215.9820, -42.8821, 34.2188



181.0570, 36.4539, -119.3220

Square

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



215.9820, -42.8821, 34.2188



194.4700, 6.6703, -86.3582



202.1080, 26.0758, -57.0997



210.3590, 9.1900, 39.1502

Rectangle

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



215.9820, -42.8821, 34.2188



207.4240, -26.8310, -27.5588



202.1080, 26.0758, -57.0997



220.9320, 16.7955, 26.3696

Sweetspot

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



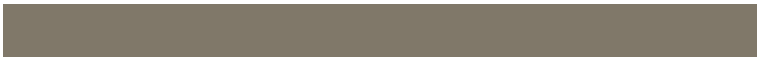
215.9820, -42.8821, 34.2188



243.0370, -12.8362, 10.4916



171.4620, -0.2278, 73.2628



120.6820, -7.7312, 6.4179



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.



215.9820, -42.8821, 34.2188



208.5500, -51.0501, 40.7367



234.3570, -51.9410, -0.3131



123.5830, -4.2314, 3.8737



132.2450, -65.1968, 51.5281



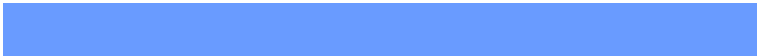
44.3770, -21.8779, 17.2094

Inverse Universe

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



168.0180, 42.8821, -34.2188



151.4500, 51.0502, -40.7366



149.6430, 51.9410, 0.3131



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 215.9820, -42.8821, 34.2188 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 215.9820, -42.8821, 34.2188 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 215.9820, -42.8821, 34.2188 Background



This preview shows how black text looks on a background with the YUV color 215.9820, -42.8821, 34.2188.



This preview shows how white text looks on a background with the YUV color 215.9820, -42.8821, 34.2188.

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

215.9820, -42.8821, 34.2188

Protanopia

214.9480, -41.3864, 21.0936

Deuteranopia

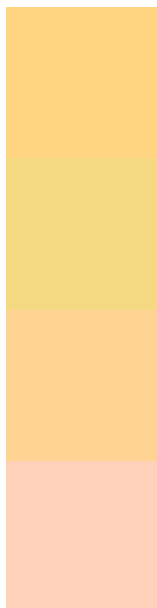
218.0000, -30.0730, 32.4490



Tritanopia

222.0190, -1.9814, 28.9243

Trichromacy



Original Color

215.9820, -42.8821, 34.2188

Protanomaly

215.4540, -42.1288, 25.9118

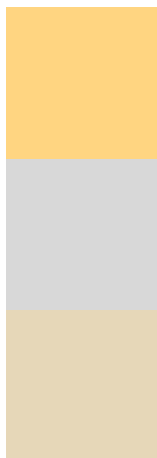
Deuteranomaly

217.4470, -34.7304, 32.9340

Tritanomaly

220.1320, -16.8271, 30.5792

Monochromacy



Original Color

215.9820, -42.8821, 34.2188

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

215.9510, -15.7518, 12.3210

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.9820, -42.8821, 34.2188 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, 213, 129)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 129)  
}
```

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, 213, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 129) }
```

Border

The CSS property to change the border of an element to YUV 215.9820, -42.8821, 34.2188 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, 213, 129) }
```


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

```
.border{ border-color:rgb(255, 213, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 213, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 213, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 213, 129); box-shadow:4px 4px 4px 4px rgb(255, 213, 129) }
```

Background

The CSS property to change the background color of an element to YUV 215.9820, -42.8821, 34.2188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 129) }
```

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

```
.background{ background-color: rgb(255,  
213, 129) }
```

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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