

Converting Colors

YUV(215.8340, -38.3722,
34.3486)

Have a look what the booklet for
YUV(215.8340, -38.3722, 34.3486)
contains.

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Color

**YUV(215.8340, -38.3722,
34.3486)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD38A
RGB	255, 211, 138
RGB Percent	100%, 83%, 54%
CMY	0.0000, 0.1725, 0.4588
CMYK	0.00, 0.17, 0.46, 0.00
HSL	37°, 100%, 77%
HSV	37°, 46%, 100%
XYZ	69.1217, 69.6835, 33.8519
YIQ	215.8340, 49.6570, -13.3750

Conversions

Conversions Part 2

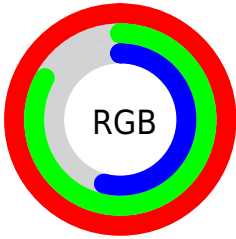
Format	Color
RYB	209, 255, 138
Decimal	16765834
CIELab	86.84, 6.36, 41.82
CIELCh	87, 42.304, 81.360
Yxy	69.6835, 0.4003, 0.4036
Android (android.graphics.Color)	4294955914 (0xFFFFD38A)
YUV	215.8340, -38.3722, 34.3486
Hunter-Lab	83.4766, 1.7204, 34.3900

Details

The YUV color $215.8340, -38.3722, 34.3486$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $177.1660, 38.3722, -34.3486$, and the grayscale version is $216.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $247.8180, -27.5183, 6.2986$, and $160.6810, -36.3247, 30.9748$ is the 20% darker color. If you saturate the color by 10%, you get $207.1140, -46.3982, 41.9960$, and if you desaturate by 10%, it is $224.5540, -30.3461, 26.7011$.

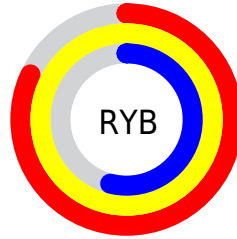
Distribution



Red (100%)

Green (83%)

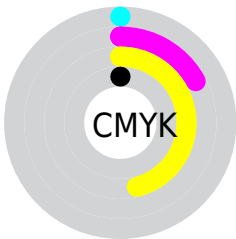
Blue (54%)



Red (82%)

Yellow (100%)

Blue (54%)

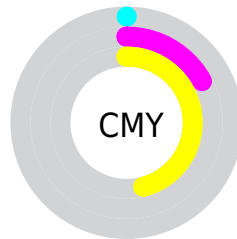


Cyan (0%)

Magenta (17%)

Yellow (46%)

Black (0%)



Cyan (0%)

Magenta (17%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 215.8340, -38.3722, 34.3486 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 215.8340, -38.3722, 34.3486 by changing the saturation by 10% instead.

215.8340,
-38.3722, 34.3486

215.8340,
-38.3722, 34.3486

255.0000, 0.0000,
0.0000

187.4640,
-37.2038, 32.9191

247.8180,
-27.5183, 6.2986

160.6810,
-36.3247, 30.9748

251.1240,
-14.8511, 3.3993

134.1970,
-35.5931, 29.6452

254.3160, -2.6208,
0.5999

108.4140,
-34.7141, 27.7009

82.8760, -35.4349,
25.5417

60.3470, -29.7511,
22.4977

39.6590, -19.5519,

17.8391

■ 20.4440, -10.0789,
12.7656

■ 0.0000, 0.0000,
0.0000

■ 215.8340,
-38.3722, 34.3486

■ 215.8340,
-38.3722, 34.3486

■ 207.1140,
-46.3982, 41.9960

■ 224.5540,
-30.3461, 26.7011

■ 198.8670,
-55.1504, 49.2286

■ 232.8010,
-21.5939, 19.4685

■ 190.1470,
-63.1765, 56.8761

■ 241.6350,
-13.1311, 11.7211

■ 181.9000,
-71.9287, 64.1087

■ 249.7680, -4.8156,
4.5885

■ 173.1800,
-79.9547, 71.7561

255.0000, 0.0000,
0.0000

■ 169.5780,
-83.6020, 74.9151

Harmonies

Analogous

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



209.6680, -26.4583, 39.7562



215.8340, -38.3722, 34.3486



211.8470, -34.9276, 2.7652

Triad

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



215.8340, -38.3722, 34.3486



190.0500, 27.0904, -102.6528



220.9540, 16.7847, 29.8583

Complementary

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



215.8340, -38.3722, 34.3486



177.1660, 38.3722, -34.3486

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.



214.5210, 19.9561, -7.4729



215.8340, -38.3722, 34.3486



190.6470, 31.7260, -96.1604

Square

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



215.8340, -38.3722, 34.3486



198.5430, 2.6903, -69.7592



203.6030, 25.3387, -54.0258



212.9350, 8.9060, 36.8910

Rectangle

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



215.8340, -38.3722, 34.3486



208.6960, -25.9791, -20.7814



203.6030, 25.3387, -54.0258



220.0020, 17.2540, 19.2922

Sweetspot

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



215.8340, -38.3722, 34.3486



243.2650, -11.9626, 10.2916



178.1130, 2.4093, 67.4299



120.2090, -7.0050, 6.8327



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.



215.8340, -38.3722, 34.3486



207.9290, -45.8140, 41.2813



237.4760, -49.0417, 3.0905



123.5830, -4.2314, 3.8737



126.9620, -62.5923, 56.1613



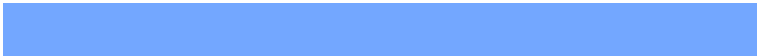
42.6160, -21.0097, 18.7538

Inverse Universe

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



177.1660, 38.3722, -34.3486



161.4840, 46.1034, -40.7665



155.5240, 49.0417, -3.0905



119.4170, 4.2314, -3.8737



64.0380, 62.5923, -56.1613



21.3840, 21.0097, -18.7538

Previews

White Background



This preview shows how the YUV color 215.8340, -38.3722, 34.3486 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 215.8340, -38.3722, 34.3486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

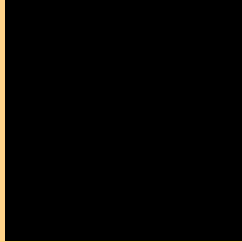
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 215.8340, -38.3722, 34.3486

Background



This preview shows how black text looks on a background with the YUV color 215.8340, -38.3722, 34.3486.



This preview shows how white text looks on a background with the YUV color 215.8340, -38.3722, 34.3486.

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

215.8340, -38.3722, 34.3486

Protanopia

214.9030, -36.4342, 19.3791

Deuteranopia

217.4130, -29.7836, 32.9638



Tritanopia

220.7310, -1.8394, 30.0539

Trichromacy



Original Color

215.8340, -38.3722, 34.3486

Protanomaly

215.1210, -37.0347, 25.3269

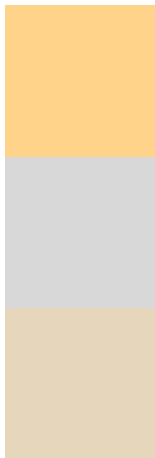
Deuteranomaly

216.6150, -32.8412, 33.6636

Tritanomaly

219.1860, -15.3747, 31.4089

Monochromacy



Original Color

215.8340, -38.3722, 34.3486

Achromatopsia

216.0000, 0.0000, 0.0000

Achromatomaly

215.8200, -13.7153, 12.4359

CSS Examples

Text

The CSS property to change the color of the text to YUV 215.8340, -38.3722, 34.3486 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, 211, 138)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 138)  
}
```

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, 211, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 138) }
```

Border

The CSS property to change the border of an element to YUV 215.8340, -38.3722, 34.3486 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, 211, 138) }
```


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

```
.border{ border-color:rgb(255, 211, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 211, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 138);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 215.8340, -38.3722, 34.3486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 138) }
```

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

```
.background{ background-color: rgb(255,  
211, 138) }
```

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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