

Converting Colors

YUV(219.6640, -33.8514,
30.9897)

Have a look what the booklet for
YUV(219.6640, -33.8514, 30.9897)
contains.

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Color

**YUV(219.6640, -33.8514,
30.9897)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD797
RGB	255, 215, 151
RGB Percent	100%, 84%, 59%
CMY	0.0000, 0.1569, 0.4078
CMYK	0.00, 0.16, 0.41, 0.00
HSL	37°, 100%, 80%
HSV	37°, 41%, 100%
XYZ	71.1264, 72.0952, 39.4452
YIQ	219.6640, 44.3840, -11.4240

Conversions

Conversions Part 2

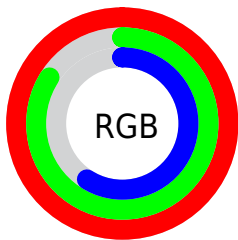
Format	Color
R _Y B	216, 255, 151
Decimal	16766871
CIE Lab	88.01, 5.60, 36.76
CIE LCh	88, 37.186, 81.332
Yxy	72.0952, 0.3894, 0.3947
Android (android.graphics.Color)	4294956951 (0xFFFFD797)
YUV	219.6640, -33.8514, 30.9897
Hunter-Lab	84.9089, 0.9350, 31.8926

Details

The YUV color $219.6640, -33.8514, 30.9897$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $186.3360, 33.8514, -30.9897$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.4140, -21.4031, 4.8989$, and $164.1090, -32.0987, 28.8454$ is the 20% darker color. If you saturate the color by 10%, you get $210.9440, -41.8774, 38.6371$, and if you desaturate by 10%, it is $228.4980, -25.3885, 23.2423$.

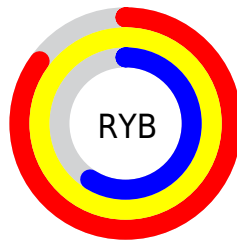
Distribution



Red (100%)

Green (84%)

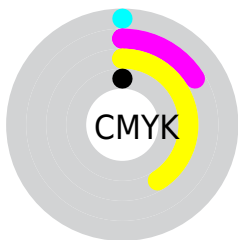
Blue (59%)



Red (85%)

Yellow (100%)

Blue (59%)

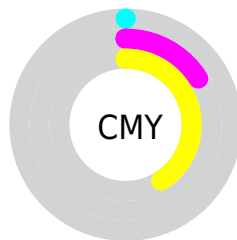


Cyan (0%)

Magenta (16%)

Yellow (41%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 219.6640, -33.8514, 30.9897 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 219.6640, -33.8514, 30.9897 by changing the saturation by 10% instead.

219.6640,
-33.8514, 30.9897

219.6640,
-33.8514, 30.9897

255.0000, 0.0000,
0.0000

191.5930,
-32.8303, 30.1749

249.4140,
-21.4031, 4.8989

164.1090,
-32.0987, 28.8454

252.6060, -9.1728,
2.0995

137.3260,
-31.2197, 26.9011

111.9560,
-30.0513, 25.4716

86.7600, -29.4617,
23.0125

62.6350, -29.8931,
21.3681

42.0180, -20.7149,

17.5242

■ 22.8030, -11.2419,
12.4508

■ 0.0000, 0.0000,
0.0000

■ 219.6640,
-33.8514, 30.9897

■ 219.6640,
-33.8514, 30.9897

■ 210.9440,
-41.8774, 38.6371

■ 228.4980,
-25.3885, 23.2423

■ 202.1100,
-50.3402, 46.3845

■ 237.2180,
-17.3625, 15.5948

■ 193.9770,
-58.6557, 53.5172

■ 245.4650, -8.6102,
8.3622

■ 185.1430,
-67.1185, 61.2646

■ 254.1850, -0.5842,
0.7148

■ 176.4230,
-75.1445, 68.9120

255.0000, 0.0000,
0.0000

■ 168.4040,
-83.0232, 75.9447

Harmonies

Analogous

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



214.4440, -23.3899, 35.5676



219.6640, -33.8514, 30.9897



215.6990, -30.4176, 2.8950

Triad

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



219.6640, -33.8514, 30.9897



201.1020, 21.6417, -81.6505



224.4760, 15.0483, 26.7695

Complementary

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



219.6640, -33.8514, 30.9897



186.3360, 33.8514, -30.9897

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.



218.3640, 18.0615, -6.4582



219.6640, -33.8514, 30.9897



201.9870, 26.1354, -76.2876

Square

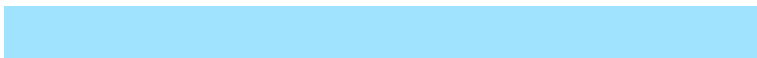
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



219.6640, -33.8514, 30.9897



205.9680, 1.4948, -59.6079



209.8600, 22.2540, -44.6042



217.2720, 7.7539, 33.0875

Rectangle

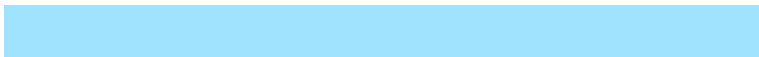
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



219.6640, -33.8514, 30.9897



213.5160, -22.9324, -17.9925



209.8600, 22.2540, -44.6042



223.2360, 15.6597, 17.3330

Sweetspot

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



219.6640, -33.8514, 30.9897



244.4220, -10.0680, 9.2769



186.8840, 3.0152, 59.7377



121.8390, -5.8366, 5.4032



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.



219.6640, -33.8514, 30.9897



212.5740, -40.7090, 37.2076



240.1540, -43.9529, 4.2499



123.5830, -4.2314, 3.8737



126.3750, -62.3029, 56.6761



42.0290, -20.7203, 19.2686

Inverse Universe

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



186.3360, 33.8514, -30.9897



172.4260, 40.7090, -37.2076



165.8460, 43.9529, -4.2499



119.4170, 4.2314, -3.8737



65.2120, 62.0135, -57.1909



21.9710, 20.7203, -19.2686

Previews

White Background



This preview shows how the YUV color 219.6640, -33.8514, 30.9897 looks on a white background.

Color Contrast Check

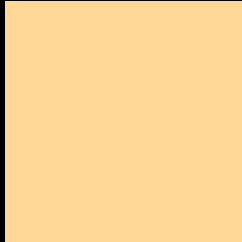
Large Text (above 18pt) WCAG AA × Fail

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 219.6640, -33.8514, 30.9897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

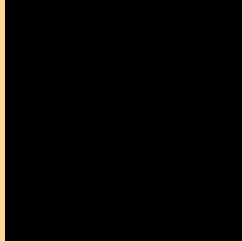
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 219.6640, -33.8514, 30.9897

Background



This preview shows how black text looks on a background with the YUV color 219.6640, -33.8514, 30.9897.



This preview shows how white text looks on a background with the YUV color 219.6640, -33.8514, 30.9897.

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

219.6640, -33.8514, 30.9897

Protanopia

218.6300, -32.3556, 17.8645

Deuteranopia

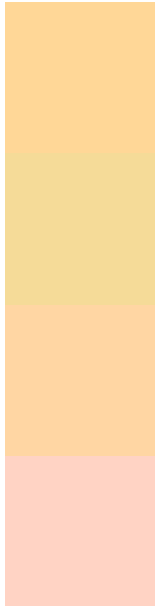
221.2430, -25.2628, 29.6049



Tritanopia

224.2360, -1.1023, 26.9800

Trichromacy



Original Color

219.6640, -33.8514, 30.9897

Protanomaly

219.1360, -33.0980, 22.6827

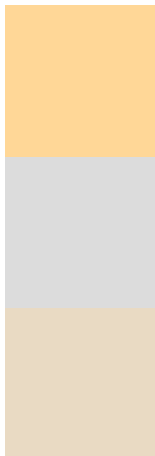
Deuteranomaly

220.4450, -28.3204, 30.3047

Tritanomaly

222.4460, -13.0379, 28.5499

Monochromacy



Original Color

219.6640, -33.8514, 30.9897

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

219.8630, -12.2575, 11.5211

CSS Examples

Text

The CSS property to change the color of the text to YUV 219.6640, -33.8514, 30.9897 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, 215, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 151)  
}
```

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, 215, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 151) }
```

Border

The CSS property to change the border of an element to YUV 219.6640, -33.8514, 30.9897 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, 215, 151) }
```


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

```
.border{ border-color:rgb(255, 215, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 215, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 219.6640, -33.8514, 30.9897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 151) }
```

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

```
.background{ background-color: rgb(255,  
215, 151) }
```

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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