

Converting Colors

YUV(221.7670, -33.4091,
29.1453)

Have a look what the booklet for
YUV(221.7670, -33.4091, 29.1453)
contains.

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Color

**YUV(221.7670, -33.4091,
29.1453)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDA9A
RGB	255, 218, 154
RGB Percent	100%, 85%, 60%
CMY	0.0000, 0.1451, 0.3961
CMYK	0.00, 0.15, 0.40, 0.00
HSL	38°, 100%, 80%
HSV	38°, 40%, 100%
XYZ	72.1441, 73.7359, 41.0019
YIQ	221.7670, 42.5960, -12.0600

Conversions

Conversions Part 2

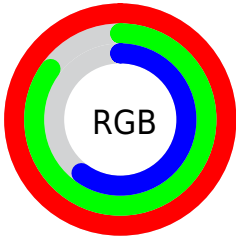
Format	Color
R _Y B	212, 255, 154
Decimal	16767642
CIE Lab	88.80, 4.38, 36.26
CIE LCh	89, 36.524, 83.106
Yxy	73.7359, 0.3860, 0.3946
Android (android.graphics.Color)	4294957722 (0xFFFFDA9A)
YUV	221.7670, -33.4091, 29.1453
Hunter-Lab	85.8696, -0.3034, 31.7983

Details

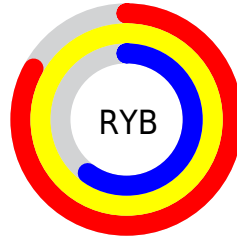
The YUV color $221.7670, -33.4091, 29.1453$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $187.2330, 33.4091, -29.1453$, and the grayscale version is $222.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.7560, -20.0927, 4.5990$, and $166.2120, -31.6565, 27.0011$ is the 20% darker color. If you saturate the color by 10%, you get $213.6340, -41.7246, 36.2780$, and if you desaturate by 10%, it is $229.9000, -25.0937, 22.0127$.

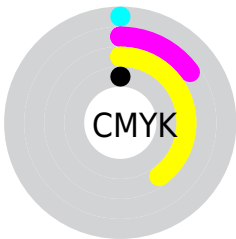
Distribution



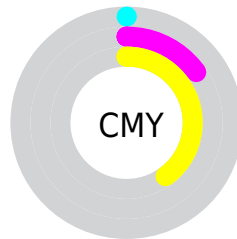
- Red (100%)
- Green (85%)
- Blue (60%)



- Red (83%)
- Yellow (100%)
- Blue (60%)



- Cyan (0%)
- Magenta (15%)
- Yellow (40%)
- Black (0%)



- Cyan (0%)
- Magenta (15%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 221.7670, -33.4091, 29.1453 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 221.7670, -33.4091, 29.1453 by changing the saturation by 10% instead.

221.7670,
-33.4091, 29.1453

221.7670,
-33.4091, 29.1453

255.0000, 0.0000,
0.0000

193.6960,
-32.3881, 28.3306

249.7560,
-20.0927, 4.5990

166.2120,
-31.6565, 27.0011

252.9480, -7.8624,
1.7996

139.4290,
-30.7775, 25.0568

113.9450,
-30.0459, 23.7272

88.5750, -28.8775,
22.2977

64.4500, -29.3088,
20.6534

43.4910, -21.4411,

17.1094

■ 23.9770, -11.8207,
11.4212

■ 0.0000, 0.0000,
0.0000

■ 221.7670,
-33.4091, 29.1453

■ 221.7670,
-33.4091, 29.1453

■ 213.6340,
-41.7246, 36.2780

■ 229.9000,
-25.0937, 22.0127

■ 204.8000,
-50.1874, 44.0254

■ 238.7340,
-16.6309, 14.2653

■ 196.6670,
-58.5028, 51.1580

■ 246.9810, -7.8786,
7.0327

■ 188.4200,
-67.2551, 58.3907

255.0000, 0.0000,
0.0000

■ 179.5860,
-75.7179, 66.1381

■ 171.4530,
-84.0333, 73.2707

■ 171.3390,
-84.4701, 73.3707

Harmonies

Analogous

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



216.4330, -23.3845, 33.8233



221.7670, -33.4091, 29.1453



218.2150, -29.6860, 1.5654

Triad

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



221.7670, -33.4091, 29.1453



204.2270, 22.0731, -80.0061



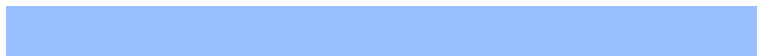
225.6500, 14.4696, 25.7400

Complementary

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



221.7670, -33.4091, 29.1453



187.2330, 33.4091, -29.1453

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.



221.3320, 16.5983, -3.7992



221.7670, -33.4091, 29.1453



204.6670, 24.8142, -72.4990

Square

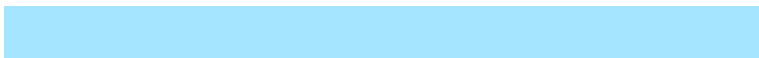
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



221.7670, -33.4091, 29.1453



208.1960, 2.3684, -59.8079



213.1270, 20.6434, -41.3304



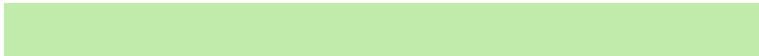
218.9190, 6.4489, 31.6430

Rectangle

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



221.7670, -33.4091, 29.1453



215.1460, -21.7640, -19.4220



213.1270, 20.6434, -41.3304



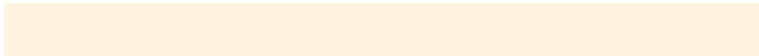
225.6060, 14.4912, 18.7625

Sweetspot

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



221.7670, -33.4091, 29.1453



245.0090, -10.3574, 8.7621



188.4170, 1.2734, 58.3933



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.



221.7670, -33.4091, 29.1453



214.6770, -40.2668, 35.3633



239.5990, -42.2003, 2.1057



123.5830, -4.2314, 3.8737



128.1360, -63.1710, 55.1317



42.6160, -21.0097, 18.7538

Inverse Universe

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



187.2330, 33.4091, -29.1453



172.7360, 40.5562, -34.8485



169.4010, 42.2003, -2.1057



118.8300, 4.5208, -3.3589



62.8640, 63.1710, -55.1317



20.7970, 21.2991, -18.2390

Previews

White Background



This preview shows how the YUV color 221.7670, -33.4091, 29.1453 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 221.7670, -33.4091, 29.1453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

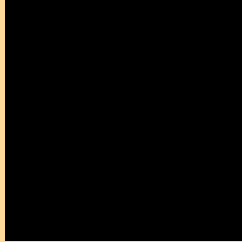
Any Text WCAG AA ✓ Pass

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 221.7670, -33.4091, 29.1453 Background



This preview shows how black text looks on a background with the YUV color 221.7670, -33.4091, 29.1453.



This preview shows how white text looks on a background with the YUV color 221.7670, -33.4091, 29.1453.

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

221.7670, -33.4091, 29.1453

Protanopia

220.7440, -31.9188, 17.7645

Deuteranopia

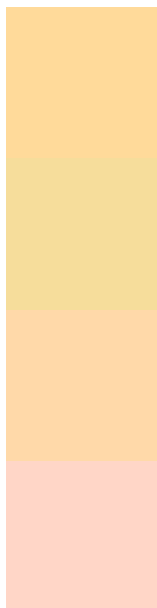
223.2150, -22.7840, 27.8754



Tritanopia

226.3390, -0.6601, 25.1357

Trichromacy



Original Color

221.7670, -33.4091, 29.1453

Protanomaly

220.9510, -32.5138, 21.9680

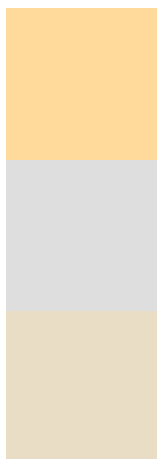
Deuteranomaly

222.8900, -26.5678, 28.1605

Tritanomaly

224.5490, -12.5957, 26.7055

Monochromacy



Original Color

221.7670, -33.4091, 29.1453

Achromatopsia

222.0000, 0.0000, 0.0000

Achromatomaly

222.1510, -12.3994, 10.3916

CSS Examples

Text

The CSS property to change the color of the text to YUV 221.7670, -33.4091, 29.1453 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, 218, 154)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 154)  
}
```

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, 218, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 154) }
```

Border

The CSS property to change the border of an element to YUV 221.7670, -33.4091, 29.1453 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, 218, 154) }
```


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

```
.border{ border-color:rgb(255, 218, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 218, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 154);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 221.7670, -33.4091, 29.1453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 154) }
```

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

```
.background{ background-color: rgb(255,  
218, 154) }
```

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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