

Converting Colors

YUV(225.5290, -18.9948,
25.8461)

Have a look what the booklet for
YUV(225.5290, -18.9948, 25.8461)
contains.

YUV(225.5290, -18.9948, 25.8461)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(225.5290, -18.9948,
25.8461)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDABB
RGB	255, 218, 187
RGB Percent	100%, 85%, 73%
CMY	0.0000, 0.1451, 0.2667
CMYK	0.00, 0.15, 0.27, 0.00
HSL	27°, 100%, 87%
HSV	27°, 27%, 100%
XYZ	75.2810, 74.9907, 57.5206
YIQ	225.5290, 32.0030, -1.7970

Conversions

Conversions Part 2

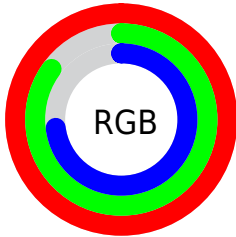
Format	Color
R _Y B	255, 244, 187
Decimal	16767675
CIE Lab	89.39, 8.35, 20.03
CIE LCh	89, 21.699, 67.359
Yxy	74.9907, 0.3623, 0.3609
Android (android.graphics.Color)	4294957755 (0xFFFFDABB)
YUV	225.5290, -18.9948, 25.8461
Hunter-Lab	86.5971, 3.6295, 21.2357

Details

The YUV color $225.5290, -18.9948, 25.8461$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $216.4710, 18.9948, -25.8461$, and the grayscale version is $226.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $253.6320, -5.2416, 1.1997$, and $169.8600, -17.6790, 23.8018$ is the 20% darker color. If you saturate the color by 10%, you get $214.4610, -25.8633, 35.5527$, and if you desaturate by 10%, it is $236.5970, -12.1263, 16.1394$.

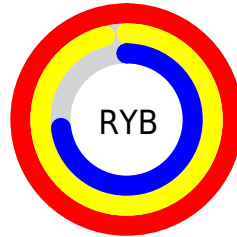
Distribution



Red (100%)

Green (85%)

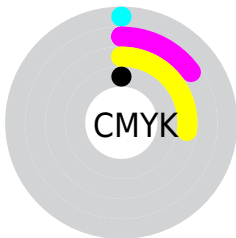
Blue (73%)



Red (100%)

Yellow (96%)

Blue (73%)

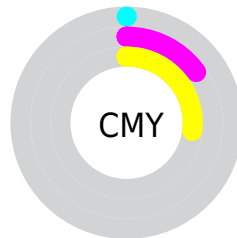


Cyan (0%)

Magenta (15%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 225.5290, -18.9948, 25.8461 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 225.5290, -18.9948, 25.8461 by changing the saturation by 10% instead.


 225.5290,
-18.9948, 25.8461


 225.5290,
-18.9948, 25.8461


255.0000, 0.0000,
0.0000


 197.3440,
-18.4106, 25.1313


 253.6320, -5.2416,
1.1997

 169.8600,
-17.6790, 23.8018

 143.5610,
-17.5316, 23.1870

 117.4900,
-16.5106, 22.3723

 92.7070, -15.6316,
20.4280

 69.1090, -15.3367,
19.1984

 46.4400, -14.0209,

17.1541

■ 25.1840, -12.4157,
15.6246

■ 4.1860, -2.0637,
8.6069

■ 225.5290,
-18.9948, 25.8461

■ 225.5290,
-18.9948, 25.8461

■ 214.4610,
-25.8633, 35.5527

■ 236.5970,
-12.1263, 16.1394

■ 203.2790,
-33.1685, 45.3593

■ 247.7790, -4.8210,
6.3328

■ 192.0970,
-40.4738, 55.1659

255.0000, 0.0000,
0.0000

■ 181.6160,
-47.6317, 64.3578

■ 170.4340,
-54.9370, 74.1644

■ 159.3660,
-61.8054, 83.8710

■ 148.1840,
-69.1107, 93.6776

■ 144.3370,
-71.1581, 97.0515

Harmonies

Analogous

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



223.4890, -11.5801, 27.6351



225.5290, -18.9948, 25.8461



223.6150, -19.5302, 10.8616

Triad

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



225.5290, -18.9948, 25.8461



216.9520, 5.9397, -38.5459



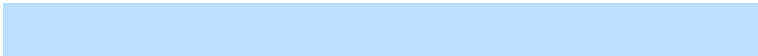
227.3010, 13.6556, 6.7520

Complementary

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



225.5290, -18.9948, 25.8461



216.4710, 18.9948, -25.8461

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.



223.3370, 15.6099, -13.4505



225.5290, -18.9948, 25.8461



217.1610, 15.6966, -41.3602

Square

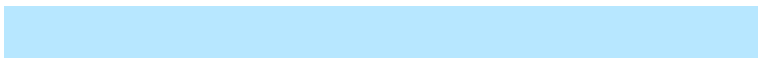
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



225.5290, -18.9948, 25.8461



218.1680, -5.0128, -25.5803



219.3840, 17.5587, -31.9088



228.1630, 6.3286, 23.5360

Rectangle

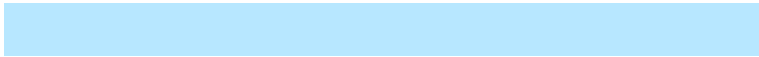
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



225.5290, -18.9948, 25.8461



221.6350, -16.5821, -1.4339



219.3840, 17.5587, -31.9088



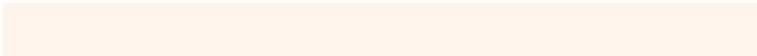
225.7840, 14.4035, 0.1894

Sweetspot

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



225.5290, -18.9948, 25.8461



246.2630, -5.5527, 7.6623



211.5500, 6.1379, 38.1057



122.4090, -3.6526, 4.9033



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.



225.5290, -18.9948, 25.8461



219.8240, -23.0842, 30.8494



245.4870, -28.8341, 8.3429



122.4090, -3.6526, 4.9033



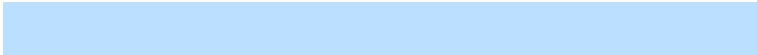
108.1780, -53.3318, 72.6349



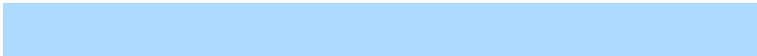
36.1590, -17.8264, 24.4166

Inverse Universe

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



216.4710, 18.9948, -25.8461



208.7630, 22.7948, -31.3642



196.5130, 28.8341, -8.3429



120.5910, 3.6526, -4.9033



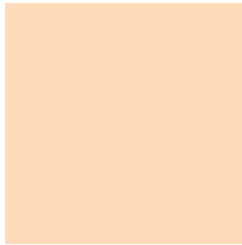
82.8220, 53.3318, -72.6349



27.8410, 17.8264, -24.4166

Previews

White Background



This preview shows how the YUV color 225.5290, -18.9948, 25.8461 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 225.5290, -18.9948, 25.8461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

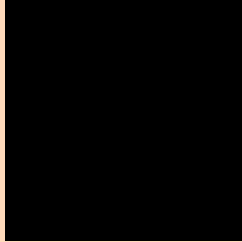
Any Text WCAG AA ✓ Pass

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 225.5290, -18.9948, 25.8461 Background



This preview shows how black text looks on a background with the YUV color 225.5290, -18.9948, 25.8461.



This preview shows how white text looks on a background with the YUV color 225.5290, -18.9948,

25.8461.

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

225.5290, -18.9948, 25.8461

Protanopia

224.0110, -16.7674, 11.3914

Deuteranopia

225.6260, -16.0846, 25.7610



Tritanopia

227.8550, 0.0715, 23.8062

Trichromacy



Original Color

225.5290, -18.9948, 25.8461

Protanomaly

224.8160, -17.6573, 16.8244

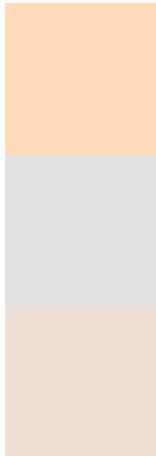
Deuteranomaly

225.3980, -16.9582, 25.9610

Tritanomaly

226.7320, -6.7699, 24.7910

Monochromacy



Original Color

225.5290, -18.9948, 25.8461

Achromatopsia

226.0000, 0.0000, 0.0000

Achromatomaly

225.9320, -6.8685, 9.7066

CSS Examples

Text

The CSS property to change the color of the text to YUV 225.5290, -18.9948, 25.8461 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, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 187)  
}
```

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, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 187) }
```

Border

The CSS property to change the border of an element to YUV 225.5290, -18.9948, 25.8461 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, 187) }
```


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

```
.border{ border-color:rgb(255, 218, 187) }
```

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, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 225.5290, -18.9948, 25.8461 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, 187) }
```

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

```
.background{ background-color: rgb(255,  
218, 187) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor