

# Converting Colors

YUV(205.9980, -20.2120,  
42.9748)

Have a look what the booklet for  
YUV(205.9980, -20.2120, 42.9748)  
contains.

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# Color

**YUV(205.9980, -20.2120,  
42.9748)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFBDA5
RGB	255, 189, 165
RGB Percent	100%, 74%, 65%
CMY	0.0000, 0.2588, 0.3529
CMYK	0.00, 0.26, 0.35, 0.00
HSL	16°, 100%, 82%
HSV	16°, 35%, 100%
XYZ	66.2291, 60.3718, 43.7596
YIQ	205.9980, 47.0400, 6.5280

# Conversions

## Conversions Part 2

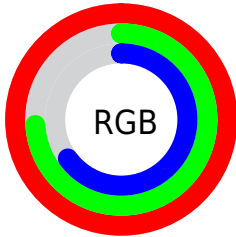
Format	Color
R <sub>Y</sub> B	255, 198, 165
Decimal	16760229
CIE Lab	82.04, 20.69, 21.44
CIE LCh	82, 29.795, 46.021
Yxy	60.3718, 0.3888, 0.3544
Android (android.graphics.Color)	4294950309 (0xFFFFBDA5)
YUV	205.9980, -20.2120, 42.9748
Hunter-Lab	77.6993, 16.1756, 20.9979

# Details

The YUV color **205.9980, -20.2120, 42.9748** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **214.0020, 20.2120, -42.9748**, and the grayscale version is **206.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **245.1400, -12.3940, 8.6472**, and **151.0300, -18.7488, 40.3157** is the 20% darker color. If you saturate the color by 10%, you get **191.9950, -25.6335, 55.2554**, and if you desaturate by 10%, it is **220.1150, -14.3537, 30.5941**.

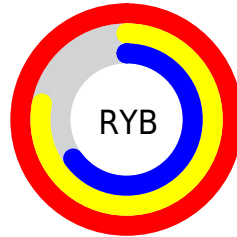
# Distribution



Red (100%)

Green (74%)

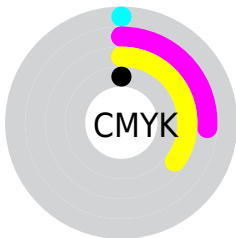
Blue (65%)



Red (100%)

Yellow (78%)

Blue (65%)

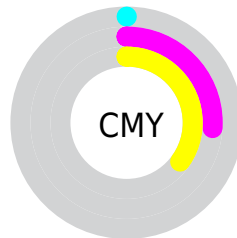


Cyan (0%)

Magenta (26%)

Yellow (35%)

Black (0%)



Cyan (0%)

Magenta (26%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 205.9980, -20.2120, 42.9748 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 205.9980, -20.2120, 42.9748 by changing the saturation by 10% instead.




 205.9980,  
-20.2120, 42.9748


 205.9980,  
-20.2120, 42.9748

255.0000, 0.0000,  
0.0000


 178.2150,  
-19.3330, 41.0304


 245.1400,  
-12.3940, 8.6472


 151.0300,  
-18.7488, 40.3157

 254.3160, -2.6208,  
0.5999

 124.8340,  
-18.1592, 37.8566

 99.1650, -16.8433,  
35.8123

 75.0830, -15.8169,  
33.2532

 51.4140, -14.5011,  
31.2089

 28.5170, -14.0589,

29.3646

■ 11.6610, -5.7489,  
23.9763

■ 0.0000, 0.0000,  
0.0000

■ 205.9980,  
-20.2120, 42.9748

■ 205.9980,  
-20.2120, 42.9748

■ 191.9950,  
-25.6335, 55.2554

■ 220.1150,  
-14.3537, 30.5941

■ 178.4650,  
-31.7812, 67.1212

■ 233.5310, -8.6428,  
18.8283

■ 164.4620,  
-37.2028, 79.4018

■ 247.6480, -2.7845,  
6.4477

■ 150.3450,  
-43.0611, 91.7824

■ 255.0000, 0.0000,  
0.0000

■ 136.9290,  
-48.7720, 103.5483

■ 122.8120,  
-54.6303, 115.9289

■ 116.1610,  
-57.2674, 121.7618

# Harmonies

## Analogous

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



205.9130, -7.8451, 43.0493



205.9980, -20.2120, 42.9748



203.8900, -26.5678, 28.1605

# Triad

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



205.9980, -20.2120, 42.9748



193.8670, -1.9064, -41.9794



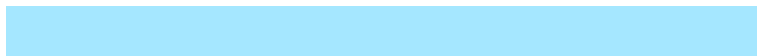
204.1660, 25.0612, -11.5466

# Complementary

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



205.9980, -20.2120, 42.9748



214.0020, 20.2120, -42.9748

# 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.



198.0760, 28.0635, -41.2857



205.9980, -20.2120, 42.9748



191.0680, 13.2775, -58.8186

# Square

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



205.9980, -20.2120, 42.9748



197.3510, -15.9490, -17.8478



192.1570, 25.0656, -59.7737



208.2790, 17.1175, 16.4183



# Rectangle

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



205.9980, -20.2120, 42.9748



202.1010, -26.6718, 14.8204



192.1570, 25.0656, -59.7737



202.3280, 25.9673, -22.2127

# Sweetspot

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



205.9980, -20.2120, 42.9748



239.4810, -6.1531, 13.6102



199.4340, 15.5620, 48.7314



118.4310, -3.6635, 8.3920



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.



205.9980, -20.2120, 42.9748



196.4290, -23.8755, 51.3668



232.4130, -33.2346, 19.8088



120.6480, -2.7845, 6.4477



87.0460, -42.9137, 91.1677

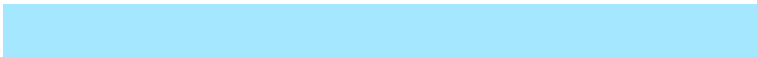


29.1150, -14.3537, 30.5941



# Inverse Universe

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



214.0020, 20.2120, -42.9748



205.9840, 24.1649, -50.8520



187.5870, 33.2346, -19.8088



121.7650, 3.0739, -5.9329



103.9540, 42.9137, -91.1677



34.8850, 14.3537, -30.5941



# Previews

## White Background



This preview shows how the YUV color 205.9980, -20.2120, 42.9748 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 205.9980, -20.2120, 42.9748 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

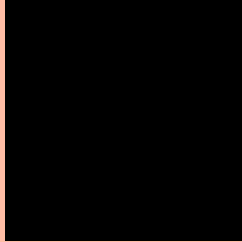
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 205.9980, -20.2120, 42.9748

## Background



This preview shows how black text looks on a background with the YUV color 205.9980, -20.2120, 42.9748.



This preview shows how white text looks on a background with the YUV color 205.9980, -20.2120,

42.9748.

# 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

205.9980, -20.2120, 42.9748

### Protanopia

203.6410, -15.5990, 9.9618

### Deuteranopia

204.9100, -20.1686, 29.0199



## Tritanopia

208.1130, -4.4927, 41.1199

# Trichromacy



## Original Color

205.9980, -20.2120, 42.9748

## Protanomaly

204.8490, -17.6736, 22.0574

## Deuteranomaly

204.9430, -20.1849, 34.2530

## Tritanomaly

207.3320, -10.0237, 41.8048

# Monochromacy



## Original Color

205.9980, -20.2120, 42.9748

## Achromatopsia

206.0000, 0.0000, 0.0000

## Achromatomaly

206.1500, -7.4689, 15.6545

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 205.9980, -20.2120, 42.9748 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, 189, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 189, 165)  
}
```

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, 189, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 165) }
```

## Border

The CSS property to change the border of an element to YUV 205.9980, -20.2120, 42.9748 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, 189, 165) }
```



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

```
.border{ border-color:rgb(255, 189, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 189, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
165) }
```

# Background

The CSS property to change the background color of an element to YUV 205.9980, -20.2120, 42.9748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 165) }
```

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

```
.background{ background-color: rgb(255,  
189, 165) }
```

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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