

# Converting Colors

YUV(203.1720, -20.7908,  
41.9452)

Have a look what the booklet for  
YUV(203.1720, -20.7908, 41.9452)  
contains.

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# Color

**YUV(203.1720, -20.7908,  
41.9452)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FBBBA1
RGB	251, 187, 161
RGB Percent	98%, 73%, 63%
CMY	0.0157, 0.2667, 0.3686
CMYK	0.00, 0.25, 0.36, 0.02
HSL	17°, 92%, 81%
HSV	17°, 36%, 98%
XYZ	63.9870, 58.6231, 41.6611
YIQ	203.1720, 46.4900, 5.4820

# Conversions

## Conversions Part 2

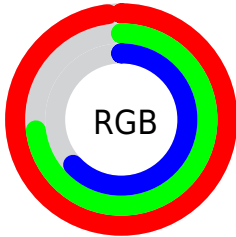
Format	Color
R <sub>Y</sub> B	251, 198, 161
Decimal	16497569
CIE Lab	81.08, 19.75, 22.19
CIE LCh	81, 29.707, 48.330
Yxy	58.6231, 0.3895, 0.3569
Android (android.graphics.Color)	4294687649 (0xFFFBBBA1)
YUV	203.1720, -20.7908, 41.9452
Hunter-Lab	76.5657, 15.1849, 21.3350

# Details

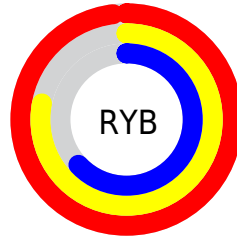
The YUV color  $203.1720, -20.7908, 41.9452$  is a light color, and the websafe version is hex  $\text{FFCC99}$ . A complement of this color would be  $208.8280, 20.7908, -41.9452$ , and the grayscale version is  $203.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $243.5100, -13.5624, 10.0767$ , and  $148.7910, -19.6170, 38.7713$  is the 20% darker color. If you saturate the color by 10%, you get  $189.7560, -26.5017, 53.7110$ , and if you desaturate by 10%, it is  $216.5880, -15.0799, 30.1793$ .

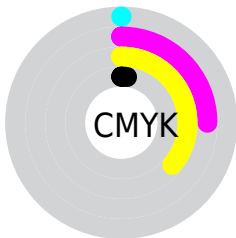
# Distribution



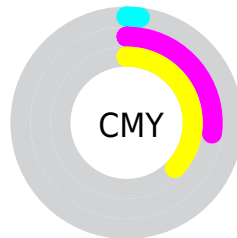
- Red (98%)
- Green (73%)
- Blue (63%)



- Red (98%)
- Yellow (78%)
- Blue (63%)



- Cyan (0%)
- Magenta (25%)
- Yellow (36%)
- Black (2%)



- Cyan (2%)
- Magenta (27%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 203.1720, -20.7908, 41.9452 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 203.1720, -20.7908, 41.9452 by changing the saturation by 10% instead.



203.1720,  
-20.7908, 41.9452

203.1720,  
-20.7908, 41.9452

255.0000, 0.0000,  
0.0000

175.6880,  
-20.0592, 40.6156

243.5100,  
-13.5624, 10.0767

148.7910,  
-19.6170, 38.7713

253.7460, -4.8048,  
1.0998

122.1220,  
-18.3011, 36.7270

97.2250, -17.8589,  
34.8827

72.5560, -16.5431,  
32.8384

49.4740, -15.5167,  
30.2793

27.0330, -13.3273,

28.0351

■ 10.7640, -5.3067,  
22.1320

■ 0.0000, 0.0000,  
0.0000

■ 203.1720,  
-20.7908, 41.9452

■ 203.1720,  
-20.7908, 41.9452

■ 189.7560,  
-26.5017, 53.7110

■ 216.5880,  
-15.0799, 30.1793

■ 176.3400,  
-32.2126, 65.4768

■ 230.0040, -9.3690,  
18.4135

■ 162.9240,  
-37.9235, 77.2427

■ 243.4200, -3.6581,  
6.6477

■ 150.0950,  
-43.9238, 88.4937

■ 253.8040, 0.5896,  
-2.4591

■ 136.5650,  
-50.0715, 100.3595

■ 123.1490,  
-55.7825, 112.1253

■ 117.9000,  
-58.1247, 116.7287

# Harmonies

## Analogous

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



204.1690, -9.4503, 44.5788



203.1720, -20.7908, 41.9452



201.1780, -26.7098, 27.0309

# Triad

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



203.1720, -20.7908, 41.9452



190.4970, -0.7380, -43.4089



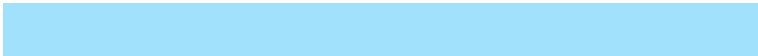
202.2910, 25.4925, -9.9022

# Complementary

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



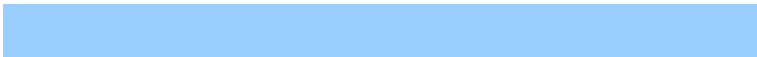
203.1720, -20.7908, 41.9452



208.8280, 20.7908, -41.9452

# 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.



196.0270, 29.0737, -38.6117



203.1720, -20.7908, 41.9452



188.1110, 14.7353, -59.7333

# Square

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



203.1720, -20.7908, 41.9452



194.5680, -15.0700, -19.7921



189.9830, 25.6444, -58.7441



205.7630, 16.3858, 17.7478



# Rectangle

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



203.1720, -20.7908, 41.9452



199.2040, -26.2296, 12.9761



189.9830, 25.6444, -58.7441



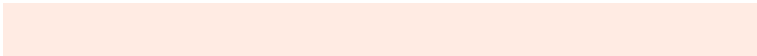
200.2790, 26.9775, -19.5387

# Sweetspot

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



203.1720, -20.7908, 41.9452



240.0680, -6.4425, 13.0954



195.3200, 15.1252, 48.8314



119.0180, -3.9529, 7.8772



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.



203.1720, -20.7908, 41.9452



196.6740, -25.4753, 51.1519



229.5870, -33.8134, 18.7792



118.2350, -3.0739, 5.9329



88.7960, -43.7764, 87.8789

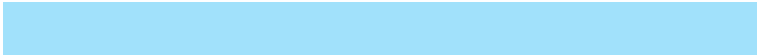


28.8050, -14.2009, 28.2350

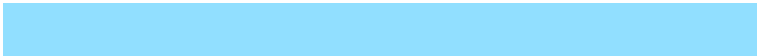


# Inverse Universe

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



208.8280, 20.7908, -41.9452



203.3260, 25.4753, -51.1519



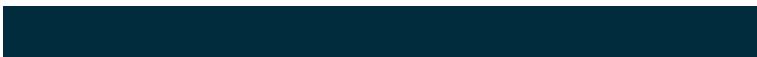
183.0000, 33.5240, -19.2940



118.7650, 3.0739, -5.9329



100.2040, 43.7764, -87.8789



32.7820, 13.9115, -28.7498



# Previews

## White Background



This preview shows how the YUV color 203.1720, -20.7908, 41.9452 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

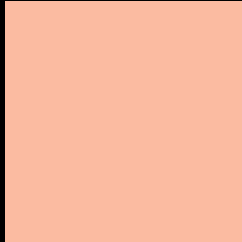
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 203.1720, -20.7908, 41.9452 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

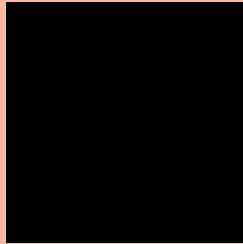
Any Text WCAG AA ✓ Pass

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 203.1720, -20.7908, 41.9452 Background



This preview shows how black text looks on a background with the YUV color 203.1720, -20.7908, 41.9452.



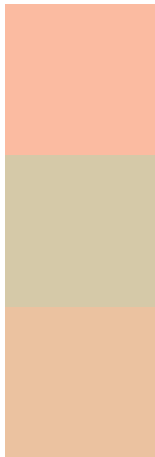
This preview shows how white text looks on a background with the YUV color 203.1720, -20.7908, 41.9452.

41.9452.

# 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

203.1720, -20.7908, 41.9452

### Protanopia

200.8260, -16.1832, 10.6766

### Deuteranopia

202.3830, -20.8948, 28.6051



## Tritanopia

205.1240, -4.4981, 42.8643

# Trichromacy



## Original Color

203.1720, -20.7908, 41.9452

## Protanomaly

201.7350, -18.1104, 22.1574

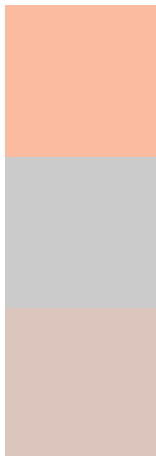
## Deuteranomaly

202.4160, -20.9111, 33.8382

## Tritanomaly

204.5170, -10.6079, 42.5196

# Monochromacy



## Original Color

203.1720, -20.7908, 41.9452

## Achromatopsia

203.0000, 0.0000, 0.0000

## Achromatomaly

202.8510, -7.3215, 15.0397

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 203.1720, -20.7908, 41.9452 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(251, 187, 161)` looks like.

```
.text, #text, p{  
    color:rgb(251, 187, 161)  
}
```

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(251, 187, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 187, 161) }
```

## Border

The CSS property to change the border of an element to YUV 203.1720, -20.7908, 41.9452 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(251, 187, 161) }
```



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

```
.border{ border-color:rgb(251, 187, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 187, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 187, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 187, 161);  
box-shadow:4px 4px 4px 4px rgb(251, 187,  
161) }
```

# Background

The CSS property to change the background color of an element to YUV 203.1720, -20.7908, 41.9452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 187, 161) }
```

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

```
.background{ background-color: rgb(251,  
187, 161) }
```

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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