

# Converting Colors

YUV(189.7820, -22.5705,  
52.8112)

Have a look what the booklet for  
YUV(189.7820, -22.5705, 52.8112)  
contains.

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# Color

**YUV(189.7820, -22.5705,  
52.8112)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FAA890
RGB	250, 168, 144
RGB Percent	98%, 66%, 56%
CMY	0.0196, 0.3412, 0.4353
CMYK	0.00, 0.33, 0.42, 0.02
HSL	14°, 91%, 77%
HSV	14°, 42%, 98%
XYZ	58.4610, 50.3429, 33.0215
YIQ	189.7820, 56.5760, 9.9200

# Conversions

## Conversions Part 2

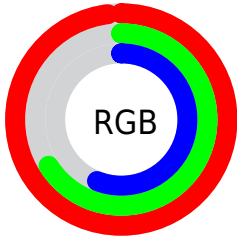
Format	Color
R <sub>Y</sub> B	250, 175, 144
Decimal	16427152
CIE Lab	76.28, 27.46, 24.73
CIE LCh	76, 36.957, 42.002
Yxy	50.3429, 0.4122, 0.3550
Android (android.graphics.Color)	4294617232 (0xFFFAA890)
YUV	189.7820, -22.5705, 52.8112
Hunter-Lab	70.9527, 22.9066, 22.0733

# Details

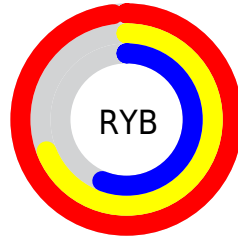
The YUV color **189.7820, -22.5705, 52.8112** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **204.2180, 22.5705, -52.8112**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.3050, -15.9264, 21.6575**, and **135.2160, -20.8125, 48.9226** is the 20% darker color. If you saturate the color by 10%, you get **175.7790, -27.9920, 65.0918**, and if you desaturate by 10%, it is **203.7850, -17.1490, 40.5306**.

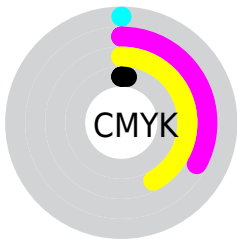
# Distribution



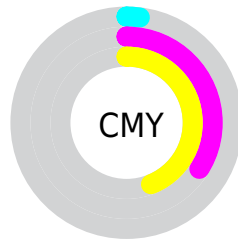
- Red (98%)
- Green (66%)
- Blue (56%)



- Red (98%)
- Yellow (69%)
- Blue (56%)



- Cyan (0%)
- Magenta (33%)
- Yellow (42%)
- Black (2%)



- Cyan (2%)
- Magenta (34%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 189.7820, -22.5705, 52.8112 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 189.7820, -22.5705, 52.8112 by changing the saturation by 10% instead.



189.7820,  
-22.5705, 52.8112

189.7820,  
-22.5705, 52.8112

255.0000, 0.0000,  
0.0000

161.9990,  
-21.6915, 50.8669

230.3050,  
-15.9264, 21.6575

135.2160,  
-20.8125, 48.9226

249.9330,  
-11.7990, 4.4438

109.2480,  
-19.3493, 46.2635

84.1660, -18.3228,  
43.7044

59.3120, -16.4228,  
40.9454

35.0730, -17.2910,  
39.4010

15.8470, -7.8126,

32.5832

■ 7.2900, -3.1010,  
14.6547

■ 0.0000, 0.0000,  
0.0000

■ 189.7820,  
-22.5705, 52.8112

■ 189.7820,  
-22.5705, 52.8112

■ 175.7790,  
-27.9920, 65.0918

■ 203.7850,  
-17.1490, 40.5306

■ 161.1890,  
-33.1242, 77.8872

■ 218.3750,  
-12.0169, 27.7351

■ 147.1860,  
-38.5457, 90.1679

■ 232.3780, -6.5954,  
15.4545

■ 133.1830,  
-43.9672, 102.4485

■ 246.3810, -1.1738,  
3.1739

■ 118.5930,  
-49.0993, 115.2439

■ 253.5050, 0.7370,  
-3.0739

■ 108.2090,  
-53.3470, 124.3507

# Harmonies

## Analogous

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



191.2890, -8.0305, 55.8745



189.7820, -22.5705, 52.8112



187.6800, -31.3942, 36.2376

# Triad

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



189.7820, -22.5705, 52.8112



174.5410, -4.2107, -49.5865



187.2770, 33.3874, -22.1679

# Complementary

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



189.7820, -22.5705, 52.8112



204.2180, 22.5705, -52.8112

# 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.



176.6590, 37.1431, -60.2139



189.7820, -22.5705, 52.8112



167.7450, 16.3947, -78.7064

# Square

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



189.7820, -22.5705, 52.8112



180.7440, -22.0588, -18.1925



166.3430, 32.8619, -87.1238



192.1740, 23.0852, 15.6334



# Rectangle

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



189.7820, -22.5705, 52.8112



185.8260, -32.9452, 20.3236



166.3430, 32.8619, -87.1238



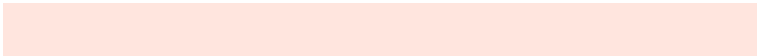
184.2430, 34.8832, -35.2931

# Sweetspot

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



189.7820, -22.5705, 52.8112



235.9760, -6.8902, 16.6840



185.1560, 20.6291, 56.8682



116.2140, -4.5425, 10.3363



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.



189.7820, -22.5705, 52.8112



180.8930, -27.5552, 64.9918



220.3060, -37.6189, 26.0416



117.6480, -2.7845, 6.4477



81.7520, -40.3037, 94.0565



26.4570, -13.0433, 30.2942



# Inverse Universe

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



204.2180, 22.5705, -52.8112



199.1070, 27.5552, -64.9918



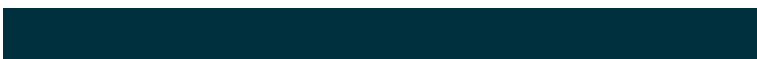
173.6940, 37.6189, -26.0416



119.3520, 2.7845, -6.4477



107.2480, 40.3037, -94.0565



34.5430, 13.0433, -30.2942



# Previews

## White Background



This preview shows how the YUV color 189.7820, -22.5705, 52.8112 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

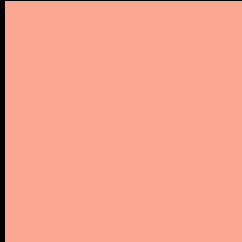
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 189.7820, -22.5705, 52.8112 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 189.7820, -22.5705, 52.8112

## Background



This preview shows how black text looks on a background with the YUV color 189.7820, -22.5705, 52.8112.



This preview shows how white text looks on a background with the YUV color 189.7820, -22.5705, 52.8112.



# 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

189.7820, -22.5705, 52.8112

### Protanopia

187.5980, -17.0568, 10.8766

### Deuteranopia

188.8130, -23.0788, 29.1050



## Tritanopia

191.3920, -7.5883, 54.0302

# Trichromacy



**Original Color**

189.7820, -22.5705, 52.8112

**Protanomaly**

188.5290, -18.9948, 25.8461

**Deuteranomaly**

188.9820, -22.6691, 37.7268

**Tritanomaly**

190.8990, -13.2612, 53.5856

# Monochromacy



**Original Color**

189.7820, -22.5705, 52.8112

**Achromatopsia**

190.0000, 0.0000, 0.0000

**Achromatomaly**

189.9440, -8.3534, 19.3431

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 189.7820, -22.5705, 52.8112 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(250, 168, 144)` looks like.

```
.text, #text, p{  
    color:rgb(250, 168, 144)  
}
```

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(250, 168, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 168, 144) }
```

## Border

The CSS property to change the border of an element to YUV 189.7820, -22.5705, 52.8112 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(250, 168, 144) }
```



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

```
.border{ border-color:rgb(250, 168, 144) }
```

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

Here you see how a box with a 4 pixel rgb(250, 168, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 168, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 168, 144);  
box-shadow:4px 4px 4px 4px rgb(250, 168,  
144) }
```

# Background

The CSS property to change the background color of an element to YUV 189.7820, -22.5705, 52.8112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 168, 144) }
```

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

```
.background{ background-color: rgb(250,  
168, 144) }
```

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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