

# Converting Colors

YUV(194.5370, -20.9707,  
53.0261)

Have a look what the booklet for  
YUV(194.5370, -20.9707, 53.0261)  
contains.

<b>YUV(194.5370, -20.9707, 53.0261)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(194.5370, -20.9707,  
53.0261)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFAC98
RGB	255, 172, 152
RGB Percent	100%, 67%, 60%
CMY	0.0000, 0.3255, 0.4039
CMYK	0.00, 0.33, 0.40, 0.00
HSL	12°, 100%, 80%
HSV	12°, 40%, 100%
XYZ	61.6600, 53.0320, 36.6921
YIQ	194.5370, 55.8880, 11.3760

# Conversions

## Conversions Part 2

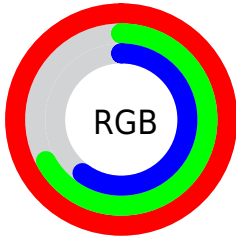
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 177, 152
Decimal	16755864
CIE Lab	77.89, 28.12, 22.71
CIE LCh	78, 36.147, 38.921
Yxy	53.0320, 0.4073, 0.3503
Android (android.graphics.Color)	4294945944 (0xFFFFAC98)
YUV	194.5370, -20.9707, 53.0261
Hunter-Lab	72.8231, 23.6972, 21.1027

# Details

The YUV color **194.5370, -20.9707, 53.0261** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **212.4630, 20.9707, -53.0261**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.5650, -13.5895, 18.7985**, and **139.9710, -19.2127, 49.1374** is the 20% darker color. If you saturate the color by 10%, you get **179.3600, -25.8135, 66.3363**, and if you desaturate by 10%, it is **209.8280, -15.6912, 39.6158**.

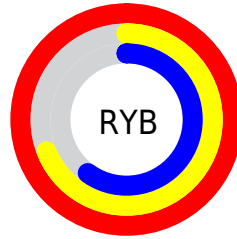
# Distribution



Red (100%)

Green (67%)

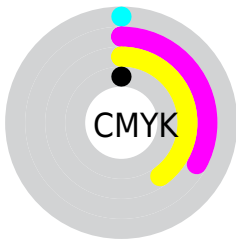
Blue (60%)



Red (100%)

Yellow (69%)

Blue (60%)

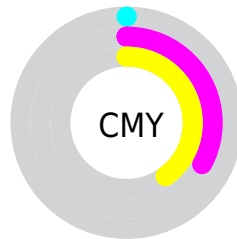


Cyan (0%)

Magenta (33%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (33%)

Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 194.5370, -20.9707, 53.0261 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 194.5370, -20.9707, 53.0261 by changing the saturation by 10% instead.



194.5370,  
-20.9707, 53.0261

194.5370,  
-20.9707, 53.0261

255.0000, 0.0000,  
0.0000

166.7540,  
-20.0917, 51.0817

233.5650,  
-13.5895, 18.7985

139.9710,  
-19.2127, 49.1374

252.7200, -8.7360,  
1.9996

113.8890,  
-18.1863, 46.5783

88.2200, -16.8705,  
44.5341

63.8390, -15.6966,  
41.3602

39.1700, -14.3808,  
39.3159

17.3420, -8.5496,

35.6571

■ 9.9810, -4.4276,  
20.1877

■ 0.0000, 0.0000,  
0.0000

■ 194.5370,  
-20.9707, 53.0261

■ 194.5370,  
-20.9707, 53.0261

■ 179.3600,  
-25.8135, 66.3363

■ 209.8280,  
-15.6912, 39.6158

■ 164.6560,  
-31.3824, 79.2317

■ 224.4180,  
-10.5591, 26.8204

■ 149.4790,  
-36.2251, 92.5419

■ 239.7090, -5.2795,  
13.4102

■ 134.7750,  
-41.7941, 105.4373

■ 254.2990, -0.1474,  
0.6148

■ 119.4840, 255.0000, 0.0000,  
-47.0736, 118.8475 0.0000

■ 105.5950,  
-52.0583, 131.0282

# Harmonies

## Analogous

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



195.2500, -5.5462, 52.4008



194.5370, -20.9707, 53.0261



192.3320, -30.2367, 38.2968

# Triad

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



194.5370, -20.9707, 53.0261



180.2920, -6.5530, -44.9831



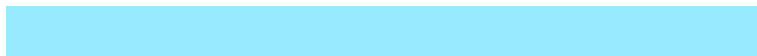
190.2120, 31.9405, -24.7419

# Complementary

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



194.5370, -20.9707, 53.0261



212.4630, 20.9707, -53.0261

# 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.



181.3060, 35.8381, -61.6584



194.5370, -20.9707, 53.0261



174.0940, 13.7577, -72.8734

# Square

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



194.5370, -20.9707, 53.0261



185.5380, -22.9432, -14.5038



172.3820, 30.3777, -83.6500



196.3800, 23.9697, 11.9447



# Rectangle

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



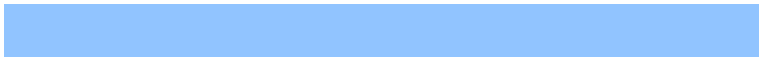
194.5370, -20.9707, 53.0261



190.6630, -32.3719, 23.0975



172.3820, 30.3777, -83.6500



187.4770, 33.2888, -37.2523

# Sweetspot

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



194.5370, -20.9707, 53.0261



236.7910, -6.3060, 15.9693



192.3730, 21.5081, 54.9239



117.1430, -3.5215, 9.5216



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.



194.5370, -20.9707, 53.0261



182.9790, -24.6396, 63.1624



223.8870, -35.4403, 27.2861



120.0610, -2.4951, 6.9625



78.8280, -38.8622, 98.3748

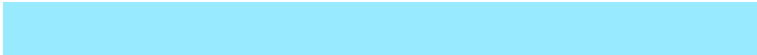


26.1800, -12.9067, 33.1681

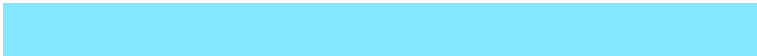


# Inverse Universe

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



212.4630, 20.9707, -53.0261



204.4340, 24.9290, -62.6476



183.1130, 35.4403, -27.2861



122.3520, 2.7845, -6.4477



112.1720, 38.8622, -98.3748



37.2330, 13.1961, -32.6533



# Previews

## White Background



This preview shows how the YUV color 194.5370, -20.9707, 53.0261 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

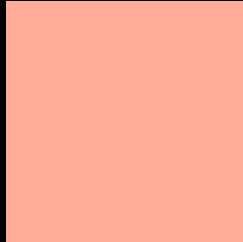
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 194.5370, -20.9707, 53.0261 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 194.5370, -20.9707, 53.0261 Background



This preview shows how black text looks on a background with the YUV color 194.5370, -20.9707, 53.0261.



This preview shows how white text looks on a background with the YUV color 194.5370, -20.9707, 53.0261.



# 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

194.5370, -20.9707, 53.0261

### Protanopia

192.4560, -15.0148, 9.2471

### Deuteranopia

193.2690, -21.3316, 28.7051



## Tritanopia

196.0820, -7.4354, 51.6711

# Trichromacy



## Original Color

194.5370, -20.9707, 53.0261

## Protanomaly

192.9850, -17.2476, 25.4462

## Deuteranomaly

193.7370, -21.0693, 37.9417

## Tritanomaly

195.4150, -12.5296, 52.2560

# Monochromacy



## Original Color

194.5370, -20.9707, 53.0261

## Achromatopsia

195.0000, 0.0000, 0.0000

## Achromatomaly

195.0580, -7.9166, 19.2431

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 194.5370, -20.9707, 53.0261 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, 172, 152)` looks like.

```
.text, #text, p{  
    color:rgb(255, 172, 152)  
}
```

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, 172, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 172, 152) }
```

## Border

The CSS property to change the border of an element to YUV 194.5370, -20.9707, 53.0261 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, 172, 152) }
```



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

```
.border{ border-color:rgb(255, 172, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 172, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 172, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 172, 152);  
box-shadow:4px 4px 4px 4px rgb(255, 172,  
152) }
```

# Background

The CSS property to change the background color of an element to YUV 194.5370, -20.9707, 53.0261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 172, 152) }
```

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

```
.background{ background-color: rgb(255,  
172, 152) }
```

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