

Converting Colors

YUV(193.4770, -19.9552,
53.9557)

Have a look what the booklet for
YUV(193.4770, -19.9552, 53.9557)
contains.

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Color

**YUV(193.4770, -19.9552,
53.9557)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAA99
RGB	255, 170, 153
RGB Percent	100%, 67%, 60%
CMY	0.0000, 0.3333, 0.4000
CMYK	0.00, 0.33, 0.40, 0.00
HSL	10°, 100%, 80%
HSV	10°, 40%, 100%
XYZ	61.3645, 52.3094, 36.9994
YIQ	193.4770, 56.1170, 12.7330

Conversions

Conversions Part 2

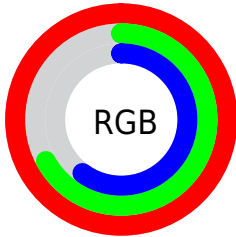
Format	Color
R _Y B	255, 173, 153
Decimal	16755353
CIE Lab	77.47, 29.28, 21.58
CIE LCh	77, 36.372, 36.398
Yxy	52.3094, 0.4073, 0.3472
Android (android.graphics.Color)	4294945433 (0xFFFFAA99)
YUV	193.4770, -19.9552, 53.9557
Hunter-Lab	72.3252, 24.8796, 20.2966

Details

The YUV color $193.4770, -19.9552, 53.9557$ is a light color, and the websafe version is hex $FF9999$. A complement of this color would be $214.5230, 19.9552, -53.9557$, and the grayscale version is $194.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $232.5050, -12.5740, 19.7281$, and $138.9110, -18.1971, 50.0671$ is the 20% darker color. If you saturate the color by 10%, you get $178.3000, -24.7979, 67.2659$, and if you desaturate by 10%, it is $208.7680, -14.6756, 40.5455$.

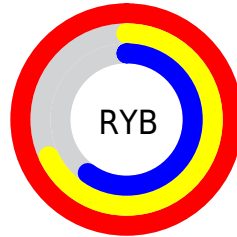
Distribution



Red (100%)

Green (67%)

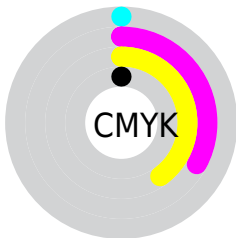
Blue (60%)



Red (100%)

Yellow (68%)

Blue (60%)

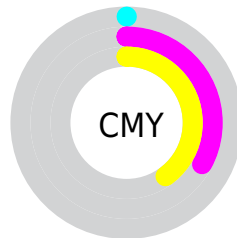


Cyan (0%)

Magenta (33%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (33%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.4770, -19.9552, 53.9557 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 193.4770, -19.9552, 53.9557 by changing the saturation by 10% instead.

193.4770,
-19.9552, 53.9557

193.4770,
-19.9552, 53.9557

255.0000, 0.0000,
0.0000

165.6940,
-19.0761, 52.0114

232.5050,
-12.5740, 19.7281

138.9110,
-18.1971, 50.0671

252.8340, -8.2992,
1.8996

112.8290,
-17.1707, 47.5080

87.1600, -15.8549,
45.4637

62.1920, -14.3917,
42.8046

38.2240, -12.9284,
40.1456

17.3420, -8.5496,

35.6571

■ 9.6820, -4.2802,
19.5729

■ 0.0000, 0.0000,
0.0000

■ 193.4770,
-19.9552, 53.9557

■ 193.4770,
-19.9552, 53.9557

■ 178.3000,
-24.7979, 67.2659

■ 208.7680,
-14.6756, 40.5455

■ 163.0090,
-30.0774, 80.6761

■ 223.9450, -9.8329,
27.2352

■ 147.2450,
-34.6308, 94.5011

■ 239.8230, -4.8427,
13.3102

■ 131.9540,
-39.9103, 107.9113

255.0000, 0.0000,
0.0000

■ 116.6630,
-45.1899, 121.3215

■ 100.8990,
-49.7432, 135.1466

Harmonies

Analogous

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



194.7770, -4.8201, 52.8156



193.4770, -19.9552, 53.9557



191.3430, -30.2421, 40.0412

Triad

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



193.4770, -19.9552, 53.9557



179.2600, -8.0162, -42.3240



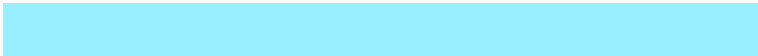
188.7170, 32.6775, -27.8158

Complementary

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



193.4770, -19.9552, 53.9557



214.5230, 19.9552, -53.9557

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.



178.3980, 36.2858, -65.2470



193.4770, -19.9552, 53.9557



173.0510, 12.2999, -71.9587

Square

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



193.4770, -19.9552, 53.9557



184.6200, -23.9697, -11.9447



170.1430, 29.5095, -85.1944



194.9990, 25.1435, 8.7709

Rectangle

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



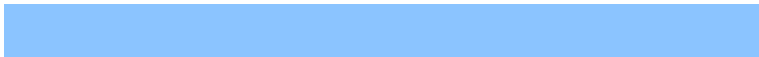
193.4770, -19.9552, 53.9557



189.6740, -32.3773, 24.8419



170.1430, 29.5095, -85.1944



185.6830, 34.1733, -40.9410

Sweetspot

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



193.4770, -19.9552, 53.9557



236.7910, -6.3060, 15.9693



193.1880, 22.0923, 54.2091



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.



193.4770, -19.9552, 53.9557



181.2180, -23.7715, 64.7068



223.4140, -34.7141, 27.7009



120.0610, -2.4951, 6.9625



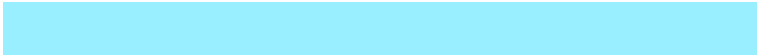
75.8930, -37.4152, 100.9488



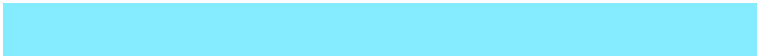
25.5930, -12.6173, 33.6829

Inverse Universe

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



214.5230, 19.9552, -53.9557



206.7820, 23.7715, -64.7068



184.5860, 34.7141, -27.7009



122.3520, 2.7845, -6.4477



115.1070, 37.4152, -100.9488



38.4070, 12.6173, -33.6829

Previews

White Background



This preview shows how the YUV color 193.4770, -19.9552, 53.9557 looks on a white background.

Color Contrast Check

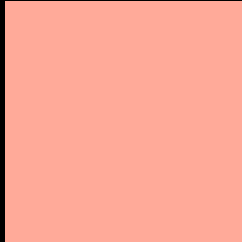
Large Text (above 18pt) WCAG AA × Fail

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 193.4770, -19.9552, 53.9557 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 193.4770, -19.9552, 53.9557

Background



This preview shows how black text looks on a background with the YUV color 193.4770, -19.9552, 53.9557.



This preview shows how white text looks on a background with the YUV color 193.4770, -19.9552, 53.9557.

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

193.4770, -19.9552, 53.9557

Protanopia

191.0970, -13.8518, 9.5619

Deuteranopia

192.0840, -20.7474, 27.9903



Tritanopia

194.6800, -7.7302, 52.9006

Trichromacy



Original Color

193.4770, -19.9552, 53.9557

Protanomaly

191.6260, -16.0846, 25.7610

Deuteranomaly

192.5520, -20.4851, 37.2269

Tritanomaly

194.2410, -11.9508, 53.2856

Monochromacy



Original Color

193.4770, -19.9552, 53.9557

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

193.4710, -7.6272, 19.7579

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.4770, -19.9552, 53.9557 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, 170, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 170, 153)  
}
```

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, 170, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 170, 153) }
```

Border

The CSS property to change the border of an element to YUV 193.4770, -19.9552, 53.9557 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, 170, 153) }
```


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

```
.border{ border-color:rgb(255, 170, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 170, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 170, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 170, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 170,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 193.4770, -19.9552, 53.9557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 170, 153) }
```

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

```
.background{ background-color: rgb(255,  
170, 153) }
```

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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