

Converting Colors

YUV(194.7770, -4.8201,
52.8156)

Have a look what the booklet for
YUV(194.7770, -4.8201, 52.8156)
contains.

YUV(194.7770, -4.8201, 52.8156)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(194.7770, -4.8201,
52.8156)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA6B9
RGB	255, 166, 185
RGB Percent	100%, 65%, 73%
CMY	0.0000, 0.3490, 0.2745
CMYK	0.00, 0.35, 0.27, 0.00
HSL	347°, 100%, 83%
HSV	347°, 35%, 100%
XYZ	63.6332, 52.0352, 52.5889
YIQ	194.7770, 46.9450, 24.7770

Conversions

Conversions Part 2

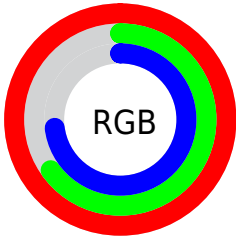
Format	Color
R _Y B	255, 166, 185
Decimal	16754361
CIE Lab	77.30, 35.24, 3.95
CIE LCh	77, 35.463, 6.390
Yxy	52.0352, 0.3782, 0.3093
Android (android.graphics.Color)	4294944441 (0xFFFFA6B9)
YUV	194.7770, -4.8201, 52.8156
Hunter-Lab	72.1354, 31.2240, 7.2706

Details

The YUV color **194.7770, -4.8201, 52.8156** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **226.2230, 4.8201, -52.8156**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.0330, 3.4347, 18.3881**, and **139.9830, -3.9356, 49.1269** is the 20% darker color. If you saturate the color by 10%, you get **177.8220, -6.3212, 67.6851**, and if you desaturate by 10%, it is **212.3190, -3.6083, 37.4312**.

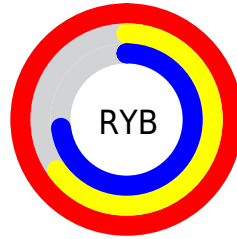
Distribution



Red (100%)

Green (65%)

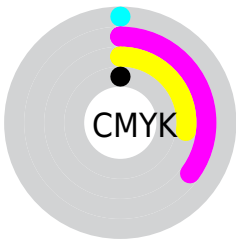
Blue (73%)



Red (100%)

Yellow (65%)

Blue (73%)

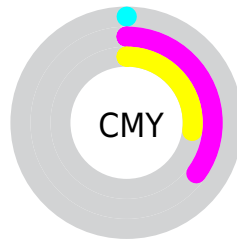


Cyan (0%)

Magenta (35%)

Yellow (27%)

Black (0%)



Cyan (0%)

Magenta (35%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 194.7770, -4.8201, 52.8156 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 194.7770, -4.8201, 52.8156 by changing the saturation by 10% instead.

 194.7770, -4.8201,
52.8156


 194.7770, -4.8201,
52.8156

255.0000, 0.0000,
0.0000


 166.8800, -4.3778,
50.9712


 234.0330, 3.4347,
18.3881


 139.9830, -3.9356,
49.1269

 252.6520, 1.1576,
2.0592

 113.4990, -3.2040,
47.7974

 87.7160, -2.3250,
45.8531

 62.9330, -1.4460,
43.9088

 35.9160, 1.0274,
43.9237

 20.1770, -1.5663,

35.8018

■ 11.1770, -5.0173,
22.6468

■ 0.0000, 0.0000,
0.0000

■ 194.7770, -4.8201,
52.8156

■ 194.7770, -4.8201,
52.8156

■ 177.8220, -6.3212,
67.6851

■ 212.3190, -3.6083,
37.4312

■ 160.2800, -7.5330,
83.0694

■ 229.2740, -2.1071,
22.5617

■ 143.3250, -9.0342,
97.9390

■ 246.8160, -0.8953,
7.1774

■ 125.7830,
-10.2460, 113.3233

■ 255.0000, 0.0000,
0.0000

■ 108.2410,
-11.4578, 128.7076

■ 91.2860, -12.9590,
143.5772

■ 82.4010, -14.0017,
151.3693

Harmonies

Analogous

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



196.1030, 10.7952, 37.6207



194.7770, -4.8201, 52.8156



192.9930, -19.2235, 52.6261

Triad

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



194.7770, -4.8201, 52.8156



184.7340, -23.5329, -12.0447



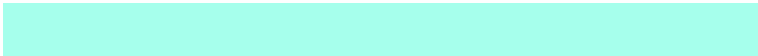
178.4800, 35.2594, -62.6880

Complementary

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



194.7770, -4.8201, 52.8156



226.2230, 4.8201, -52.8156

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.



170.9370, 28.6251, -81.5057



194.7770, -4.8201, 52.8156



179.6730, -7.7268, -41.8092

Square

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



194.7770, -4.8201, 52.8156



188.2600, -31.1872, 16.4350



173.5460, 11.5628, -68.8848



188.7170, 32.6775, -27.8158

Rectangle

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



194.7770, -4.8201, 52.8156



191.5870, -26.9114, 45.0892



173.5460, 11.5628, -68.8848



175.7840, 34.1235, -71.7246

Sweetspot

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



194.7770, -4.8201, 52.8156



238.0450, -1.5012, 14.8695



197.0760, 28.5565, 34.1363



117.1260, -1.0481, 9.5365



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.



194.7770, -4.8201, 52.8156



182.6150, -5.7262, 63.4816



207.2860, -20.3540, 41.8452



119.1150, -1.0427, 7.7921



61.7830, -10.2460, 113.3233



20.7320, -3.3189, 37.9460

Inverse Universe

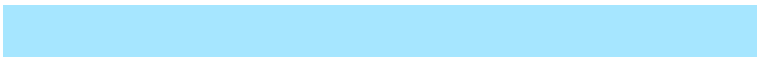
The Inverse Universe completely reimagines the original color for something new.



194.7770, -4.8201, 52.8156



182.6150, -5.7262, 63.4816



213.7140, 20.3540, -41.8452



119.1150, -1.0427, 7.7921



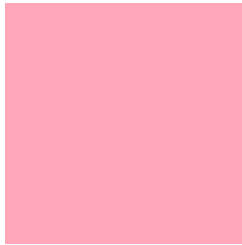
61.7830, -10.2460, 113.3233



20.7320, -3.3189, 37.9460

Previews

White Background



This preview shows how the YUV color 194.7770, -4.8201, 52.8156 looks on a white background.

Color Contrast Check

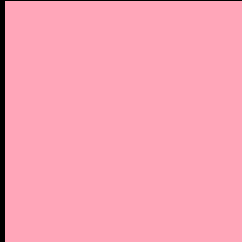
Large Text (above 18pt) WCAG AA × Fail

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 194.7770, -4.8201, 52.8156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

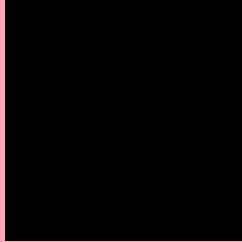
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 194.7770, -4.8201, 52.8156

Background



This preview shows how black text looks on a background with the YUV color 194.7770, -4.8201, 52.8156.



This preview shows how white text looks on a background with the YUV color 194.7770, -4.8201,

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

194.7770, -4.8201, 52.8156

Protanopia

191.9230, 3.4890, 0.9445

Deuteranopia

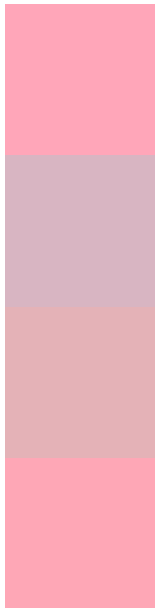
193.0300, -5.4378, 17.5137



Tritanopia

194.4950, -7.1460, 52.1859

Trichromacy



Original Color

194.7770, -4.8201, 52.8156

Protanomaly

192.9470, 0.5191, 20.2175

Deuteranomaly

193.5200, -5.1864, 30.2390

Tritanomaly

194.7230, -6.2724, 51.9859

Monochromacy



Original Color

194.7770, -4.8201, 52.8156

Achromatopsia

195.0000, 0.0000, 0.0000

Achromatomaly

194.6650, -1.8068, 19.5878

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.7770, -4.8201, 52.8156 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, 166, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 185)  
}
```

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, 166, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 185) }
```

Border

The CSS property to change the border of an element to YUV 194.7770, -4.8201, 52.8156 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, 166, 185) }
```


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

```
.border{ border-color:rgb(255, 166, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 166, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 185);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
185) }
```

Background

The CSS property to change the background color of an element to YUV 194.7770, -4.8201, 52.8156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 166, 185) }
```

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

```
.background{ background-color: rgb(255,  
166, 185) }
```

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