

Converting Colors

YUV(184.2450, -4.5578,
62.0521)

Have a look what the booklet for
YUV(184.2450, -4.5578, 62.0521)
contains.

YUV(184.2450, -4.5578, 62.0521)	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(184.2450, -4.5578,
62.0521)**

Conversions

Conversions Part 1

Format	Color
Hex	FF96AF
RGB	255, 150, 175
RGB Percent	100%, 59%, 69%
CMY	0.0000, 0.4118, 0.3137
CMYK	0.00, 0.41, 0.31, 0.00
HSL	346°, 100%, 79%
HSV	346°, 41%, 100%
XYZ	59.8842, 46.1678, 46.3125
YIQ	184.2450, 54.5550, 30.0350

Conversions

Conversions Part 2

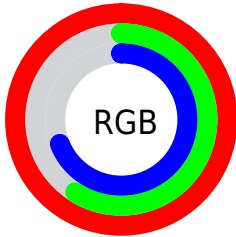
Format	Color
R_{YB}	255, 150, 175
Decimal	16750255
CIE _{Lab}	73.65, 42.20, 4.17
CIE _{LCh}	74, 42.406, 5.639
Yxy	46.1678, 0.3930, 0.3030
Android (android.graphics.Color)	4294940335 (0xFFFF96AF)
YUV	184.2450, -4.5578, 62.0521
Hunter-Lab	67.9469, 38.4117, 7.1509

Details

The YUV color **184.2450, -4.5578, 62.0521** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **220.7550, 4.5578, -62.0521**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.3870, 3.2602, 27.7246**, and **129.5650, -3.2365, 58.2635** is the 20% darker color. If you saturate the color by 10%, you get **167.4040, -5.6222, 76.8217**, and if you desaturate by 10%, it is **201.6730, -3.7828, 46.7678**.

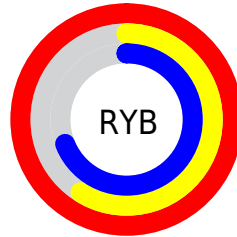
Distribution



Red (100%)

Green (59%)

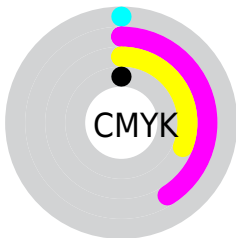
Blue (69%)



Red (100%)

Yellow (59%)

Blue (69%)

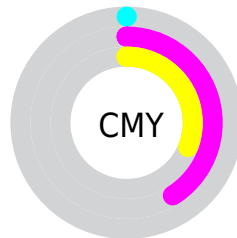


Cyan (0%)

Magenta (41%)

Yellow (31%)

Black (0%)



Cyan (0%)

Magenta (41%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.2450, -4.5578, 62.0521 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 184.2450, -4.5578, 62.0521 by changing the saturation by 10% instead.

 184.2450, -4.5578,
62.0521

 184.2450, -4.5578,
62.0521

255.0000, 0.0000,
0.0000


 156.3480, -4.1156,
60.2078

 223.3870, 3.2602,
27.7246


 129.5650, -3.2365,
58.2635

 242.6730, 6.0772,
10.8108

 102.7820, -2.3575,
56.3192

 76.4120, -1.1891,
54.8897

 48.5090, 1.7211,
54.8046

 28.6500, 1.1586,
48.5419

 18.2110, -6.5130,

35.7720

■ 8.4860, -3.6906,
17.1138

■ 0.0000, 0.0000,
0.0000

■ 184.2450, -4.5578,
62.0521

■ 184.2450, -4.5578,
62.0521

■ 167.4040, -5.6222,
76.8217

■ 201.6730, -3.7828,
46.7678

■ 149.8620, -6.8340,
92.2060

■ 218.6280, -2.2816,
31.8982

■ 133.0210, -7.8984,
106.9756

■ 236.0560, -1.5066,
16.6139

■ 115.4790, -9.1101,
122.3599

■ 253.0110, -0.0054,
1.7444

■ 98.6380, -10.1745, 255.0000, 0.0000,
137.1295 0.0000

■ 83.1990, -10.9441,
150.6695

Harmonies

Analogous

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



185.9450, 13.8311, 43.8982



184.2450, -4.5578, 62.0521



182.3640, -21.8715, 61.9478

Triad

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



184.2450, -4.5578, 62.0521



172.8710, -28.0374, -13.9189



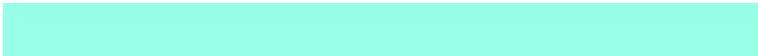
158.9370, 45.3871, -91.1527

Complementary

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



184.2450, -4.5578, 62.0521



220.7550, 4.5578, -62.0521

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.



143.0500, 40.4014, -125.4548



184.2450, -4.5578, 62.0521



166.2760, -9.0101, -50.2311

Square

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



184.2450, -4.5578, 62.0521



177.3760, -37.1604, 18.9642



152.7490, 16.8857, -96.2499



176.2690, 38.8144, -36.1929

Rectangle

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



184.2450, -4.5578, 62.0521



181.1920, -31.1537, 52.4516



152.7490, 16.8857, -96.2499



144.6620, 48.9736, -121.6066

Sweetspot

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



184.2450, -4.5578, 62.0521



234.1810, -1.0752, 18.2583



185.5910, 34.2186, 38.0697



115.8380, -0.9061, 10.6661



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.



184.2450, -4.5578, 62.0521



170.7950, -5.3219, 73.8478



196.6570, -23.0019, 51.1668



119.2290, -0.6059, 7.6922



62.3530, -8.0620, 112.8234



20.8460, -2.8821, 37.8461

Inverse Universe

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



184.2450, -4.5578, 62.0521



170.7950, -5.3219, 73.8478



208.3430, 23.0019, -51.1668



119.2290, -0.6059, 7.6922



62.3530, -8.0620, 112.8234



20.8460, -2.8821, 37.8461

Previews

White Background



This preview shows how the YUV color 184.2450, -4.5578, 62.0521 looks on a white background.

Color Contrast Check

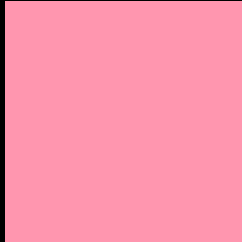
Large Text (above 18pt) WCAG AA × Fail

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 184.2450, -4.5578, 62.0521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

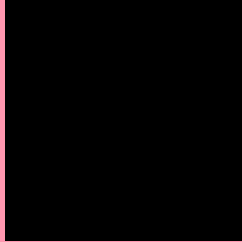
Any Text WCAG AA ✓ Pass

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 184.2450, -4.5578, 62.0521 Background



This preview shows how black text looks on a background with the YUV color 184.2450, -4.5578, 62.0521.



This preview shows how white text looks on a background with the YUV color 184.2450, -4.5578,

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

184.2450, -4.5578, 62.0521

Protanopia

181.6670, 5.0942, -0.5850

Deuteranopia

182.9160, -5.8746, 17.6137



Tritanopia

183.7520, -10.2307, 61.6075

Trichromacy



Original Color

184.2450, -4.5578, 62.0521



Protanomaly

182.5990, 1.6767, 22.2767



Deuteranomaly

183.4280, -5.6340, 33.8276



Tritanomaly

183.6210, -8.1942, 61.7224

Monochromacy



Original Color

184.2450, -4.5578, 62.0521



Achromatopsia

184.0000, 0.0000, 0.0000



Achromatomaly

184.3880, -1.6703, 22.4617

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.2450, -4.5578, 62.0521 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, 150, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 150, 175)  
}
```

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, 150, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 150, 175) }
```

Border

The CSS property to change the border of an element to YUV 184.2450, -4.5578, 62.0521 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, 150, 175) }
```


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

```
.border{ border-color:rgb(255, 150, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 150, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 150, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 150, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 150,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 184.2450, -4.5578, 62.0521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 150, 175) }
```

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

```
.background{ background-color: rgb(255,  
150, 175) }
```

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