

Converting Colors

YUV(196.2300, -11.9454,
51.5413)

Have a look what the booklet for
YUV(196.2300, -11.9454, 51.5413)
contains.

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Color

**YUV(196.2300, -11.9454,
51.5413)**

Conversions

Conversions Part 1

Format	Color
Hex	FFABAC
RGB	255, 171, 172
RGB Percent	100%, 67%, 67%
CMY	0.0000, 0.3294, 0.3255
CMYK	0.00, 0.33, 0.33, 0.00
HSL	359°, 100%, 84%
HSV	359°, 33%, 100%
XYZ	63.2493, 53.3644, 45.9965
YIQ	196.2300, 49.7430, 18.1190

Conversions

Conversions Part 2

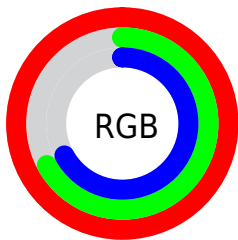
Format	Color
R _Y B	255, 171, 172
Decimal	16755628
CIE Lab	78.09, 30.97, 12.16
CIE LCh	78, 33.267, 21.434
Yxy	53.3644, 0.3890, 0.3282
Android (android.graphics.Color)	4294945708 (0xFFFFABAC)
YUV	196.2300, -11.9454, 51.5413
Hunter-Lab	73.0509, 26.7106, 13.8037

Details

The YUV color **196.2300, -11.9454, 51.5413** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **229.7700, 11.9454, -51.5413**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.3720, -4.1274, 17.2138**, and **141.5500, -10.6241, 47.7527** is the 20% darker color. If you saturate the color by 10%, you get **178.7050, -15.6306, 66.9107**, and if you desaturate by 10%, it is **213.7550, -8.2602, 36.1719**.

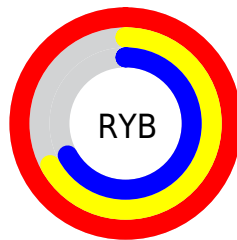
Distribution



Red (100%)

Green (67%)

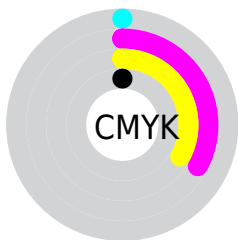
Blue (67%)



Red (100%)

Yellow (67%)

Blue (67%)

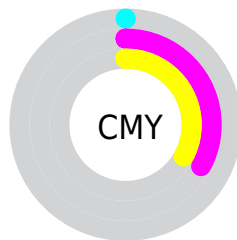


Cyan (0%)

Magenta (33%)

Yellow (33%)

Black (0%)



Cyan (0%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.2300, -11.9454, 51.5413 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 196.2300, -11.9454, 51.5413 by changing the saturation by 10% instead.

196.2300,
-11.9454, 51.5413

196.2300,
-11.9454, 51.5413

255.0000, 0.0000,
0.0000

168.3330,
-11.5032, 49.6970

235.3720, -4.1274,
17.2138

141.5500,
-10.6241, 47.7527

115.0660, -9.8925,
46.4231

89.8700, -9.3029,
43.9640

65.2010, -7.9871,
41.9197

40.0590, -5.9451,
40.2903

18.4670, -8.1182,

37.3014

■ 10.8780, -4.8699,
22.0320

■ 0.0000, 0.0000,
0.0000

■ 196.2300,
-11.9454, 51.5413

■ 196.2300,
-11.9454, 51.5413

■ 178.7050,
-15.6306, 66.9107

■ 213.7550, -8.2602,
36.1719

■ 160.5930,
-19.0263, 82.7949

■ 231.8670, -4.8644,
20.2876

■ 142.9540,
-23.1483, 98.2643

■ 250.0930, -1.0318,
4.3034

■ 124.8420,
-26.5441, 114.1486

■ 255.0000, 0.0000,
0.0000

■ 107.3170,
-30.2293, 129.5180

■ 89.2050, -33.6251,
145.4022

■ 76.5870, -36.2784,
156.4682

Harmonies

Analogous

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



197.6710, 2.6272, 44.1385



196.2300, -11.9454, 51.5413



194.3850, -23.8538, 44.3894

Triad

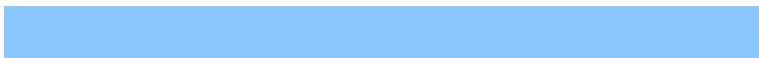
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



196.2300, -11.9454, 51.5413



185.1220, -15.3431, -25.5400



187.3300, 32.8683, -42.3854

Complementary

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



196.2300, -11.9454, 51.5413



229.7700, 11.9454, -51.5413

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.



178.4810, 30.3289, -67.9508



196.2300, -11.9454, 51.5413



180.3110, 1.3257, -52.0157

Square

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



196.2300, -11.9454, 51.5413



189.0240, -26.6338, 2.6100



176.1850, 19.1358, -71.1992



194.1710, 27.5237, -8.0430

Rectangle

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



196.2300, -11.9454, 51.5413



193.3530, -28.7680, 33.8934



176.1850, 19.1358, -71.1992



184.5630, 32.7534, -52.2368

Sweetspot

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



196.2300, -11.9454, 51.5413



237.4750, -3.6852, 15.3694



205.3930, 24.4563, 42.6283



116.7840, -2.3585, 9.8364



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.



196.2300, -11.9454, 51.5413



183.6120, -14.5987, 62.6073



220.1830, -24.2472, 30.5345



118.8870, -1.9163, 7.9921



57.3370, -27.2811, 117.2225



19.2500, -8.9972, 39.2458

Inverse Universe

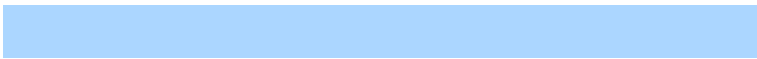
The Inverse Universe completely reimagines the original color for something new.



196.2300, -11.9454, 51.5413



183.6120, -14.5987, 62.6073



205.8170, 24.2472, -30.5345



118.8870, -1.9163, 7.9921



57.3370, -27.2811, 117.2225



19.2500, -8.9972, 39.2458

Previews

White Background



This preview shows how the YUV color 196.2300, -11.9454, 51.5413 looks on a white background.

Color Contrast Check

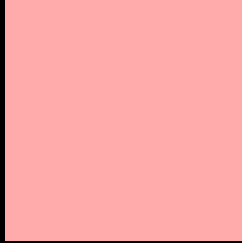
Large Text (above 18pt) WCAG AA × Fail

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 196.2300, -11.9454, 51.5413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

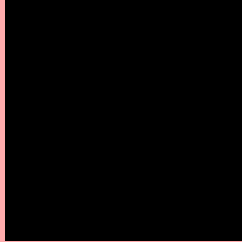
Any Text WCAG AA ✓ Pass

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 196.2300, -11.9454, 51.5413 Background



This preview shows how black text looks on a background with the YUV color 196.2300, -11.9454, 51.5413.



This preview shows how white text looks on a background with the YUV color 196.2300, -11.9454, 51.5413.

51.5413.

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

196.2300, -11.9454, 51.5413

Protanopia

193.7680, -4.8156, 4.5885

Deuteranopia

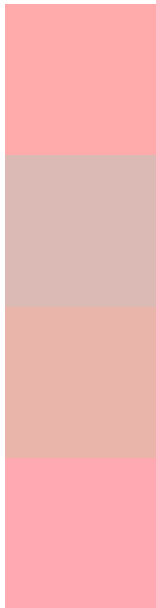
194.5270, -12.5848, 23.2168



Tritanopia

196.7830, -7.2880, 51.0563

Trichromacy



Original Color

196.2300, -11.9454, 51.5413

Protanomaly

194.5960, -7.1958, 21.4023

Deuteranomaly

195.2940, -12.4699, 33.0682

Tritanomaly

196.3270, -9.0352, 51.4562

Monochromacy



Original Color

196.2300, -11.9454, 51.5413

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

195.9700, -4.4222, 18.4433

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.2300, -11.9454, 51.5413 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, 171, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 172)  
}
```

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, 171, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 172) }
```

Border

The CSS property to change the border of an element to YUV 196.2300, -11.9454, 51.5413 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, 171, 172) }
```


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

```
.border{ border-color:rgb(255, 171, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 171, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 196.2300, -11.9454, 51.5413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 171, 172) }
```

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

```
.background{ background-color: rgb(255,  
171, 172) }
```

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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