

Converting Colors

YUV(196.7200, -15.1450,
51.1116)

Have a look what the booklet for
YUV(196.7200, -15.1450, 51.1116)
contains.

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Color

**YUV(196.7200, -15.1450,
51.1116)**

Conversions

Conversions Part 1

Format	Color
Hex	FFADA6
RGB	255, 173, 166
RGB Percent	100%, 68%, 65%
CMY	0.0000, 0.3216, 0.3490
CMYK	0.00, 0.32, 0.35, 0.00
HSL	5°, 100%, 83%
HSV	5°, 35%, 100%
XYZ	63.0665, 53.9003, 43.1562
YIQ	196.7200, 51.1190, 15.2070

Conversions

Conversions Part 2

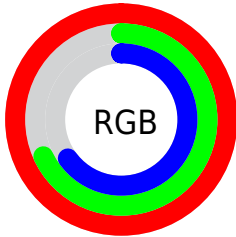
Format	Color
R _Y B	255, 174, 166
Decimal	16756134
CIE Lab	78.40, 29.19, 15.85
CIE LCh	78, 33.219, 28.504
Yxy	53.9003, 0.3939, 0.3366
Android (android.graphics.Color)	4294946214 (0xFFFFADA6)
YUV	196.7200, -15.1450, 51.1116
Hunter-Lab	73.4168, 24.8556, 16.5397

Details

The YUV color $196.7200, -15.1450, 51.1116$ is a light color, and the websafe version is hex $FF9999$. A complement of this color would be $224.2800, 15.1450, -51.1116$, and the grayscale version is $197.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $235.8620, -7.3270, 16.7840$, and $142.0400, -13.8237, 47.3229$ is the 20% darker color. If you saturate the color by 10%, you get $180.3690, -19.4089, 65.4514$, and if you desaturate by 10%, it is $213.1850, -10.4442, 36.6718$.

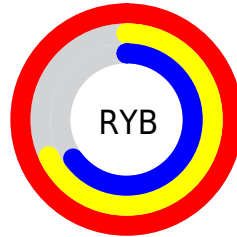
Distribution



Red (100%)

Green (68%)

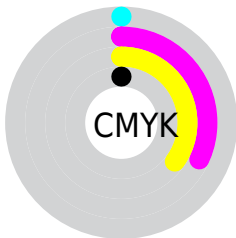
Blue (65%)



Red (100%)

Yellow (68%)

Blue (65%)

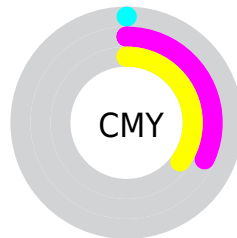


Cyan (0%)

Magenta (32%)

Yellow (35%)

Black (0%)



Cyan (0%)

Magenta (32%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 196.7200, -15.1450, 51.1116 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 196.7200, -15.1450, 51.1116 by changing the saturation by 10% instead.

196.7200,
-15.1450, 51.1116

196.7200,
-15.1450, 51.1116

255.0000, 0.0000,
0.0000

168.9370,
-14.2659, 49.1673

235.8620, -7.3270,
16.7840

142.0400,
-13.8237, 47.3229

254.4300, -2.1840,
0.4999

115.6700,
-12.6553, 45.8934

90.4740, -12.0657,
43.4343

65.5060, -10.6025,
40.7752

41.3640, -8.5605,
39.1458

17.9400, -8.8444,

36.8866

■ 10.8780, -4.8699,
22.0320

■ 0.0000, 0.0000,
0.0000

■ 196.7200,
-15.1450, 51.1116

■ 196.7200,
-15.1450, 51.1116

■ 180.3690,
-19.4089, 65.4514

■ 213.1850,
-10.4442, 36.6718

■ 163.3170,
-23.8203, 80.4060

■ 230.1230, -6.4696,
21.8171

■ 146.9660,
-28.0842, 94.7458

■ 246.5880, -1.7689,
7.3773

■ 129.9140,
-32.4956, 109.7004

■ 255.0000, 0.0000,
0.0000

■ 113.4490,
-37.1964, 124.1402

■ 96.5110, -41.1709,
138.9949

■ 87.9850, -43.3766,
146.4722

Harmonies

Analogous

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



198.1830, -0.5832, 47.1975



196.7200, -15.1450, 51.1116



194.7930, -26.0269, 41.4005

Triad

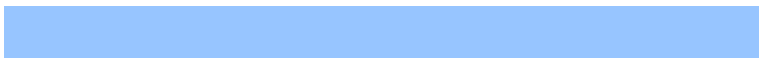
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



196.7200, -15.1450, 51.1116



185.0010, -11.8325, -31.5729



189.8580, 32.1150, -34.0785

Complementary

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



196.7200, -15.1450, 51.1116



224.2800, 15.1450, -51.1116

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.



181.8560, 31.6230, -63.0177



196.7200, -15.1450, 51.1116



179.7170, 5.5625, -57.6338

Square

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



196.7200, -15.1450, 51.1116



189.1480, -24.7230, -3.6378



176.6840, 22.3408, -72.5139



196.6450, 25.3180, -0.5657

Rectangle

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



196.7200, -15.1450, 51.1116



193.2060, -29.1886, 28.7603



176.6840, 22.3408, -72.5139



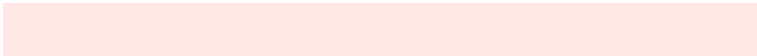
187.0200, 33.0211, -44.7445

Sweetspot

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



196.7200, -15.1450, 51.1116



238.6490, -4.2640, 14.3398



202.0730, 23.1350, 46.4170



117.3710, -2.6479, 9.3216



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.



196.7200, -15.1450, 51.1116



184.6890, -18.0877, 61.6627



221.9610, -27.5888, 28.9752



119.4740, -2.2057, 7.4773



65.9140, -32.4956, 109.7004



22.0710, -10.8810, 36.7717

Inverse Universe

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



224.2800, 15.1450, -51.1116



218.3110, 18.0877, -61.6627



199.0390, 27.5888, -28.9752



122.9390, 2.4951, -6.9625



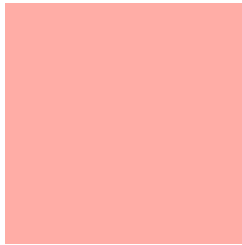
125.0860, 32.4956, -109.7004



41.9290, 10.8810, -36.7717

Previews

White Background



This preview shows how the YUV color 196.7200, -15.1450, 51.1116 looks on a white background.

Color Contrast Check

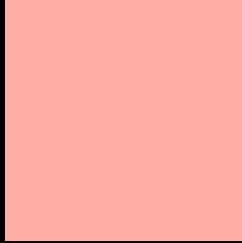
Large Text (above 18pt) WCAG AA × Fail

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 196.7200, -15.1450, 51.1116 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 196.7200, -15.1450, 51.1116 Background



This preview shows how black text looks on a background with the YUV color 196.7200, -15.1450, 51.1116.



This preview shows how white text looks on a background with the YUV color 196.7200, -15.1450,

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

196.7200, -15.1450, 51.1116

Protanopia

194.4540, -8.6048, 6.6178

Deuteranopia

195.3270, -15.9372, 25.1462



Tritanopia

197.5980, -6.7038, 50.3416

Trichromacy



Original Color

196.7200, -15.1450, 51.1116

Protanomaly

194.9830, -10.8376, 22.8169

Deuteranomaly

195.7950, -15.6749, 34.3828

Tritanomaly

197.3870, -10.0508, 50.5266

Monochromacy



Original Color

196.7200, -15.1450, 51.1116

Achromatopsia

197.0000, 0.0000, 0.0000

Achromatomaly

196.7420, -5.2958, 18.6433

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.7200, -15.1450, 51.1116 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, 173, 166)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 166)  
}
```

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, 173, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 166) }
```

Border

The CSS property to change the border of an element to YUV 196.7200, -15.1450, 51.1116 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, 173, 166) }
```


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

```
.border{ border-color:rgb(255, 173, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 173, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 166);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 196.7200, -15.1450, 51.1116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 173, 166) }
```

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

```
.background{ background-color: rgb(255,  
173, 166) }
```

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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