

Converting Colors

YUV(200.6810, -12.6607,
47.6378)

Have a look what the booklet for
YUV(200.6810, -12.6607, 47.6378)
contains.

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Color

**YUV(200.6810, -12.6607,
47.6378)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB2AF
RGB	255, 178, 175
RGB Percent	100%, 70%, 69%
CMY	0.0000, 0.3020, 0.3137
CMYK	0.00, 0.30, 0.31, 0.00
HSL	2°, 100%, 84%
HSV	2°, 31%, 100%
XYZ	64.8983, 56.1959, 47.9838
YIQ	200.6810, 46.8550, 15.3910

Conversions

Conversions Part 2

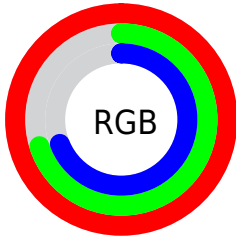
Format	Color
R_{YB}	255, 178, 175
Decimal	16757423
CIE _{Lab}	79.73, 27.68, 12.85
CIE _{LCh}	80, 30.513, 24.897
Yxy	56.1959, 0.3838, 0.3324
Android (android.graphics.Color)	4294947503 (0xFFFFB2AF)
YUV	200.6810, -12.6607, 47.6378
Hunter-Lab	74.9639, 23.3452, 14.5237

Details

The YUV color $200.6810, -12.6607, 47.6378$ is a light color, and the websafe version is hex $FF9999$. A complement of this color would be $229.3190, 12.6607, -47.6378$, and the grayscale version is $201.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $239.8230, -4.8427, 13.3102$, and $146.3000, -11.4869, 44.4639$ is the 20% darker color. If you saturate the color by 10%, you get $183.0420, -16.7827, 63.1072$, and if you desaturate by 10%, it is $218.3200, -8.5388, 32.1684$.

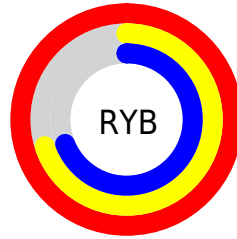
Distribution



Red (100%)

Green (70%)

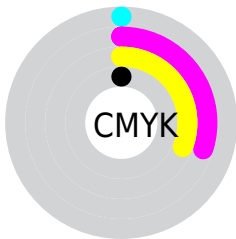
Blue (69%)



Red (100%)

Yellow (70%)

Blue (69%)

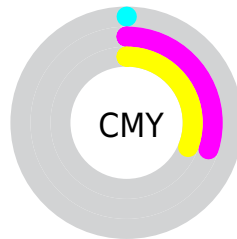


Cyan (0%)

Magenta (30%)

Yellow (31%)

Black (0%)



Cyan (0%)

Magenta (30%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 200.6810, -12.6607, 47.6378 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 200.6810, -12.6607, 47.6378 by changing the saturation by 10% instead.

200.6810,
-12.6607, 47.6378

200.6810,
-12.6607, 47.6378

255.0000, 0.0000,
0.0000

172.7840,
-12.2185, 45.7934

239.8230, -4.8427,
13.3102

146.3000,
-11.4869, 44.4639

119.5170,
-10.6079, 42.5196

94.3210, -10.0183,
40.0605

69.5380, -9.1392,
38.1162

45.2820, -7.5340,
36.5867

20.9830, -7.3866,

35.9719

■ 12.0740, -5.4595,
24.4911

■ 0.0000, 0.0000,
0.0000

■ 200.6810,
-12.6607, 47.6378

■ 200.6810,
-12.6607, 47.6378

■ 183.0420,
-16.7827, 63.1072

■ 218.3200, -8.5388,
32.1684

■ 166.1040,
-20.7573, 77.9618

■ 235.2580, -4.5642,
17.3137

■ 148.4650,
-24.8792, 93.4312

■ 252.8970, -0.4422,
1.8443

■ 131.5270,
-28.8538, 108.2858

■ 255.0000, 0.0000,
0.0000

■ 114.0020,
-32.5390, 123.6552

■ 96.9500, -36.9503,
138.6099

■ 82.1150, -40.4827,
151.6201

Harmonies

Analogous

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



201.9050, 1.0328, 42.1793



200.6810, -12.6607, 47.6378



199.1780, -23.2588, 40.1859

Triad

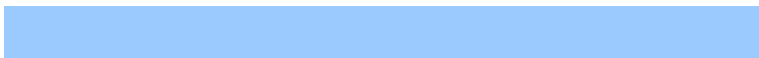
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



200.6810, -12.6607, 47.6378



189.8060, -12.7224, -26.1399



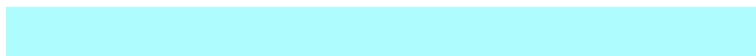
193.8750, 29.6416, -34.0934

Complementary

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



200.6810, -12.6607, 47.6378



229.3190, 12.6607, -47.6378

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.



186.5640, 27.8229, -57.4996



200.6810, -12.6607, 47.6378



185.7890, 3.0620, -48.9270

Square

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



200.6810, -12.6607, 47.6378



193.5120, -23.4234, -0.4490



183.3000, 18.0931, -63.4071



199.3950, 24.4553, -3.8544

Rectangle

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



200.6810, -12.6607, 47.6378



197.4880, -26.8626, 29.3900



183.3000, 18.0931, -63.4071



191.5210, 29.8161, -43.4299

Sweetspot

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



200.6810, -12.6607, 47.6378



239.4640, -3.6798, 13.6251



207.6980, 21.8409, 41.4839



118.0720, -2.5005, 8.7069



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.



200.6810, -12.6607, 47.6378



189.3510, -15.4560, 57.5742



224.1610, -24.2364, 27.0458



118.8870, -1.9163, 7.9921



61.2180, -30.1805, 113.8188



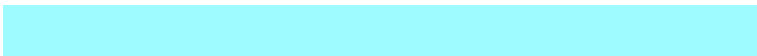
20.3100, -10.0128, 38.3161

Inverse Universe

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



229.3190, 12.6607, -47.6378



223.6490, 15.4560, -57.5742



205.8390, 24.2364, -27.0458



123.5260, 2.2057, -7.4773



129.7820, 30.1805, -113.8188



43.1030, 10.3022, -37.8013

Previews

White Background



This preview shows how the YUV color 200.6810, -12.6607, 47.6378 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 200.6810, -12.6607, 47.6378 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 200.6810, -12.6607, 47.6378

Background



This preview shows how black text looks on a background with the YUV color 200.6810, -12.6607, 47.6378.



This preview shows how white text looks on a background with the YUV color 200.6810, -12.6607,

47.6378.

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

200.6810, -12.6607, 47.6378

Protanopia

198.0240, -6.4208, 6.1180

Deuteranopia

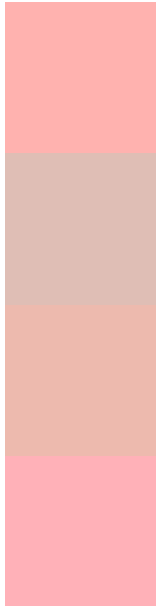
199.4130, -13.0216, 23.3168



Tritanopia

201.1030, -5.9668, 47.2677

Trichromacy



Original Color

200.6810, -12.6607, 47.6378

Protanomaly

198.8410, -8.7956, 21.1874

Deuteranomaly

199.8810, -12.7593, 32.5534

Tritanomaly

201.1200, -8.4402, 47.2528

Monochromacy



Original Color

200.6810, -12.6607, 47.6378

Achromatopsia

201.0000, 0.0000, 0.0000

Achromatomaly

201.2580, -4.5642, 17.3137

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.6810, -12.6607, 47.6378 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, 178, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 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, 178, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 175) }
```

Border

The CSS property to change the border of an element to YUV 200.6810, -12.6607, 47.6378 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, 178, 175) }
```


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

```
.border{ border-color:rgb(255, 178, 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, 178, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 200.6810, -12.6607, 47.6378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 175) }
```

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

```
.background{ background-color: rgb(255,  
178, 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](#).

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