

Converting Colors

YUV(199.5070, -12.0820,
48.6674)

Have a look what the booklet for
YUV(199.5070, -12.0820, 48.6674)
contains.

YUV(199.5070, -12.0820, 48.6674)	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(199.5070, -12.0820,
48.6674)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB0AF
RGB	255, 176, 175
RGB Percent	100%, 69%, 69%
CMY	0.0000, 0.3098, 0.3137
CMYK	0.00, 0.31, 0.31, 0.00
HSL	1°, 100%, 84%
HSV	1°, 31%, 100%
XYZ	64.5032, 55.4058, 47.8521
YIQ	199.5070, 47.4050, 16.4370

Conversions

Conversions Part 2

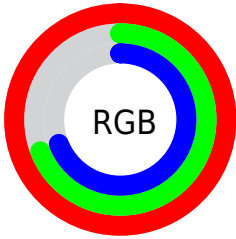
Format	Color
R _Y B	255, 176, 175
Decimal	16756911
CIE Lab	79.27, 28.73, 12.21
CIE LCh	79, 31.212, 23.025
Yxy	55.4058, 0.3845, 0.3303
Android (android.graphics.Color)	4294946991 (0xFFFFB0AF)
YUV	199.5070, -12.0820, 48.6674
Hunter-Lab	74.4351, 24.4213, 13.9887

Details

The YUV color $199.5070, -12.0820, 48.6674$ is a light color, and the websafe version is hex FF9999 . A complement of this color would be $230.4930, 12.0820, -48.6674$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $238.6490, -4.2640, 14.3398$, and $145.1260, -10.9081, 45.4935$ is the 20% darker color. If you saturate the color by 10%, you get $181.8680, -16.2039, 64.1368$, and if you desaturate by 10%, it is $217.1460, -7.9600, 33.1980$.

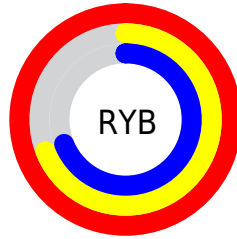
Distribution



Red (100%)

Green (69%)

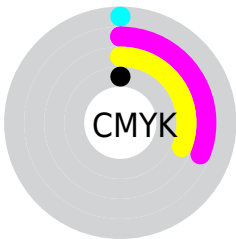
Blue (69%)



Red (100%)

Yellow (69%)

Blue (69%)

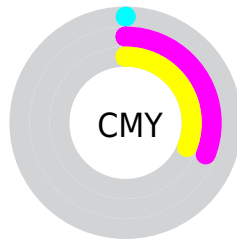


Cyan (0%)

Magenta (31%)

Yellow (31%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.5070, -12.0820, 48.6674 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 199.5070, -12.0820, 48.6674 by changing the saturation by 10% instead.

199.5070,
-12.0820, 48.6674

199.5070,
-12.0820, 48.6674

255.0000, 0.0000,
0.0000

171.6100,
-11.6397, 46.8230

238.6490, -4.2640,
14.3398

145.1260,
-10.9081, 45.4935

118.3430,
-10.0291, 43.5492

93.1470, -9.4395,
41.0901

68.3640, -8.5605,
39.1458

44.1080, -6.9552,
37.6163

19.5100, -6.6604,

36.3867

■ 11.7750, -5.3121,
23.8763

■ 0.0000, 0.0000,
0.0000

■ 199.5070,
-12.0820, 48.6674

■ 199.5070,
-12.0820, 48.6674

■ 181.8680,
-16.2039, 64.1368

■ 217.1460, -7.9600,
33.1980

■ 164.3430,
-19.8891, 79.5062

■ 234.6710, -4.2748,
17.8285

■ 146.1170,
-23.7217, 95.4904

■ 252.8970, -0.4422,
1.8443

■ 128.5920,
-27.4069, 110.8598

■ 255.0000, 0.0000,
0.0000

■ 111.0670,
-31.0920, 126.2292

■ 93.4280, -35.2140,
141.6986

■ 78.0060, -38.4570,
155.2237

Harmonies

Analogous

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



201.0190, 1.4696, 42.0793



199.5070, -12.0820, 48.6674



197.8900, -23.1168, 41.3155

Triad

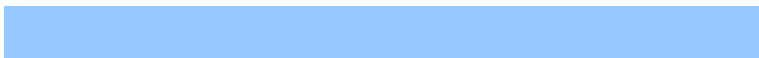
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



199.5070, -12.0820, 48.6674



188.2900, -13.4540, -24.8103



191.6790, 30.2313, -36.5525

Complementary

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



199.5070, -12.0820, 48.6674



230.4930, 12.0820, -48.6674

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.



184.0690, 28.5600, -60.5735



199.5070, -12.0820, 48.6674



184.1480, 1.8990, -49.2418

Square

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



199.5070, -12.0820, 48.6674



192.1810, -24.7392, 1.5953



181.2890, 18.0985, -65.1515



197.7260, 25.7711, -5.8987

Rectangle

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



199.5070, -12.0820, 48.6674



196.3850, -27.3048, 31.2344



181.2890, 18.0985, -65.1515



189.0260, 30.5532, -46.5038

Sweetspot

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



199.5070, -12.0820, 48.6674



238.8770, -3.3904, 14.1399



208.0400, 23.1513, 41.1839



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.



199.5070, -12.0820, 48.6674



187.5900, -14.5879, 59.1186



222.4000, -23.3682, 28.5902



118.8870, -1.9163, 7.9921



58.2830, -28.7335, 116.3928



19.7230, -9.7234, 38.8309

Inverse Universe

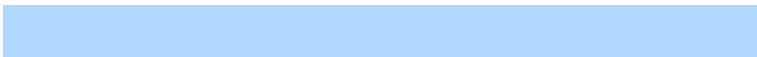
The Inverse Universe completely reimagines the original color for something new.



230.4930, 12.0820, -48.6674



225.4100, 14.5879, -59.1186



207.6000, 23.3682, -28.5902



123.5260, 2.2057, -7.4773



132.7170, 28.7335, -116.3928



44.2770, 9.7234, -38.8309

Previews

White Background



This preview shows how the YUV color 199.5070, -12.0820, 48.6674 looks on a white background.

Color Contrast Check

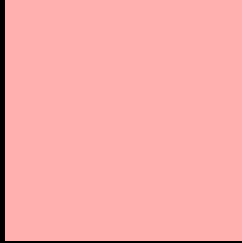
Large Text (above 18pt) WCAG AA × Fail

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 199.5070, -12.0820, 48.6674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

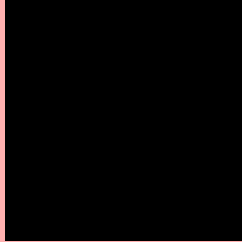
Any Text WCAG AA ✓ Pass

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 199.5070, -12.0820, 48.6674 Background



This preview shows how black text looks on a background with the YUV color 199.5070, -12.0820, 48.6674.



This preview shows how white text looks on a background with the YUV color 199.5070, -12.0820,

48.6674.

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

199.5070, -12.0820, 48.6674

Protanopia

196.9530, -5.3998, 5.3032

Deuteranopia

198.5270, -12.5848, 23.2168



Tritanopia

200.4020, -6.1142, 47.8824

Trichromacy



Original Color

199.5070, -12.0820, 48.6674

Protanomaly

198.0690, -7.9220, 20.9875

Deuteranomaly

198.9950, -12.3225, 32.4534

Tritanomaly

199.8320, -8.2982, 48.3823

Monochromacy



Original Color

199.5070, -12.0820, 48.6674

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

199.6710, -4.2748, 17.8285

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.5070, -12.0820, 48.6674 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, 176, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 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, 176, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 175) }
```

Border

The CSS property to change the border of an element to YUV 199.5070, -12.0820, 48.6674 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, 176, 175) }
```


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

```
.border{ border-color:rgb(255, 176, 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, 176, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 199.5070, -12.0820, 48.6674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 176, 175) }
```

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

```
.background{ background-color: rgb(255,  
176, 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