

# Converting Colors

YUV(200.5210, -23.4279,  
47.7781)

Have a look what the booklet for  
YUV(200.5210, -23.4279, 47.7781)  
contains.

<b>YUV(200.5210, -23.4279, 47.7781)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(200.5210, -23.4279,  
47.7781)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB699
RGB	255, 182, 153
RGB Percent	100%, 71%, 60%
CMY	0.0000, 0.2863, 0.4000
CMYK	0.00, 0.29, 0.40, 0.00
HSL	17°, 100%, 80%
HSV	17°, 40%, 100%
XYZ	63.7177, 57.0158, 37.7839
YIQ	200.5210, 52.8170, 6.4570

# Conversions

## Conversions Part 2

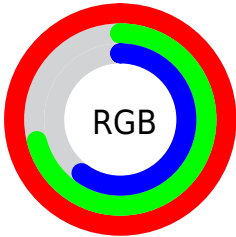
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 194, 153
Decimal	16758425
CIE <sub>Lab</sub>	80.19, 22.99, 25.30
CIE <sub>LCh</sub>	80, 34.187, 47.731
Yxy	57.0158, 0.4020, 0.3597
Android (android.graphics.Color)	4294948505 (0xFFFFB699)
YUV	200.5210, -23.4279, 47.7781
Hunter-Lab	75.5088, 18.4859, 23.1880

# Details

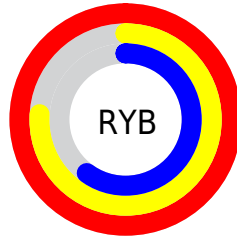
The YUV color  $200.5210, -23.4279, 47.7781$  is a light color, and the websafe version is hex  $\text{FFCC99}$ . A complement of this color would be  $207.4790, 23.4279, -47.7781$ , and the grayscale version is  $201.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $239.5490, -16.0467, 13.5505$ , and  $145.9550, -21.6698, 43.8895$  is the 20% darker color. If you saturate the color by 10%, you get  $187.1050, -29.1388, 59.5439$ , and if you desaturate by 10%, it is  $214.0510, -17.2801, 35.9123$ .

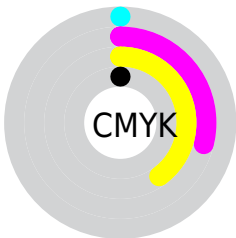
# Distribution



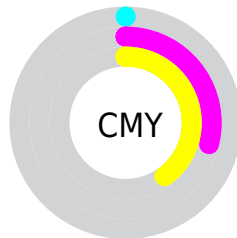
- Red (100%)
- Green (71%)
- Blue (60%)



- Red (100%)
- Yellow (76%)
- Blue (60%)



- Cyan (0%)
- Magenta (29%)
- Yellow (40%)
- Black (0%)



- Cyan (0%)
- Magenta (29%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 200.5210, -23.4279, 47.7781 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 200.5210, -23.4279, 47.7781 by changing the saturation by 10% instead.



200.5210,  
-23.4279, 47.7781

200.5210,  
-23.4279, 47.7781

255.0000, 0.0000,  
0.0000

172.7380,  
-22.5488, 45.8338

239.5490,  
-16.0467, 13.5505

145.9550,  
-21.6698, 43.8895

252.8340, -8.2992,  
1.8996

119.2860,  
-20.3540, 41.8452

94.0900, -19.7644,  
39.3861

69.5350, -18.0118,  
37.2418

46.0400, -17.2747,  
34.1679

23.5110, -11.5909,

31.1239

■ 11.1770, -5.0173,  
22.6468

■ 0.0000, 0.0000,  
0.0000

■ 200.5210,  
-23.4279, 47.7781

■ 200.5210,  
-23.4279, 47.7781

■ 187.1050,  
-29.1388, 59.5439

■ 214.0510,  
-17.2801, 35.9123

■ 173.5750,  
-35.2865, 71.4097

■ 228.0540,  
-11.8586, 23.6316

■ 159.5720,  
-40.7080, 83.6904

■ 241.5840, -5.7109,  
11.7658

■ 146.0420,  
-46.8557, 95.5562

■ 255.0000, 0.0000,  
0.0000

■ 132.5120,  
-53.0034, 107.4220

■ 119.0960,  
-58.7143, 119.1878

# Harmonies

## Analogous

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



200.1910, -9.4612, 48.0675



200.5210, -23.4279, 47.7781



197.9890, -30.0676, 30.7046

# Triad

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



200.5210, -23.4279, 47.7781



186.3390, -1.1531, -50.2863



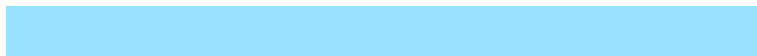
198.8500, 27.6820, -12.1464

# Complementary

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



200.5210, -23.4279, 47.7781



207.4790, 23.4279, -47.7781

# 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.



191.2540, 31.4268, -46.7038



200.5210, -23.4279, 47.7781



181.1310, 17.6834, -72.0289

# Square

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



200.5210, -23.4279, 47.7781



191.1610, -17.8274, -22.0662



183.1600, 30.4871, -72.0543



203.1700, 19.1432, 20.0219



# Rectangle

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



200.5210, -23.4279, 47.7781



196.4770, -30.3082, 14.4907



183.1600, 30.4871, -72.0543



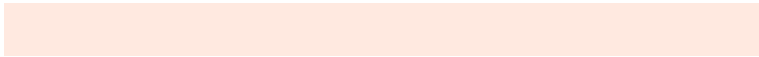
196.4140, 28.8829, -24.0421

# Sweetspot

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



200.5210, -23.4279, 47.7781



238.5520, -7.1741, 14.4249



191.8200, 16.8507, 55.4089



118.3170, -4.1003, 8.4920



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.



200.5210, -23.4279, 47.7781



189.4360, -27.8229, 57.4996



230.4580, -38.1868, 21.5233



120.6480, -2.7845, 6.4477



88.8070, -43.7819, 89.6233

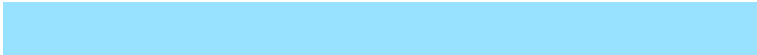


29.7020, -14.6431, 30.0793

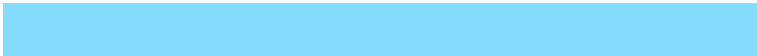


# Inverse Universe

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



207.4790, 23.4279, -47.7781



197.9770, 28.1123, -56.9848



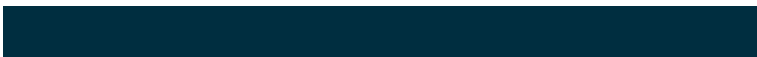
177.5420, 38.1868, -21.5233



121.7650, 3.0739, -5.9329



102.1930, 43.7819, -89.6233



34.2980, 14.6431, -30.0793



# Previews

## White Background



This preview shows how the YUV color 200.5210, -23.4279, 47.7781 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 200.5210, -23.4279, 47.7781 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 200.5210, -23.4279, 47.7781 Background



This preview shows how black text looks on a background with the YUV color 200.5210, -23.4279, 47.7781.



This preview shows how white text looks on a background with the YUV color 200.5210, -23.4279, 47.7781.

47.7781.

# 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

200.5210, -23.4279, 47.7781

### Protanopia

198.2560, -18.3672, 11.1765

### Deuteranopia

199.2970, -23.8104, 30.4345



## Tritanopia

202.5050, -5.6720, 46.0381

# Trichromacy



## Original Color

200.5210, -23.4279, 47.7781

## Protanomaly

199.1760, -20.2998, 24.4016

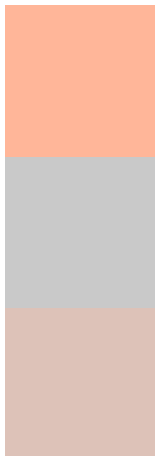
## Deuteranomaly

200.0420, -23.6847, 36.7972

## Tritanomaly

201.4960, -12.0765, 46.9230

# Monochromacy



## Original Color

200.5210, -23.4279, 47.7781

## Achromatopsia

201.0000, 0.0000, 0.0000

## Achromatomaly

200.9330, -8.3480, 17.5988

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 200.5210, -23.4279, 47.7781 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, 182, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 153)  
}
```

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, 182, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 153) }
```

## Border

The CSS property to change the border of an element to YUV 200.5210, -23.4279, 47.7781 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, 182, 153) }
```



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

```
.border{ border-color:rgb(255, 182, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 182, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
153) }
```

# Background

The CSS property to change the background color of an element to YUV 200.5210, -23.4279, 47.7781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 153) }
```

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

```
.background{ background-color: rgb(255,  
182, 153) }
```

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