

# Converting Colors

YUV(204.5960, -20.5068,  
44.2043)

Have a look what the booklet for  
YUV(204.5960, -20.5068, 44.2043)  
contains.

<b>YUV(204.5960, -20.5068, 44.2043)</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(204.5960, -20.5068,  
44.2043)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFBBA3
RGB	255, 187, 163
RGB Percent	100%, 73%, 64%
CMY	0.0000, 0.2667, 0.3608
CMYK	0.00, 0.27, 0.36, 0.00
HSL	16°, 100%, 82%
HSV	16°, 36%, 100%
XYZ	65.6212, 59.4450, 42.6658
YIQ	204.5960, 48.2320, 6.9520

# Conversions

## Conversions Part 2

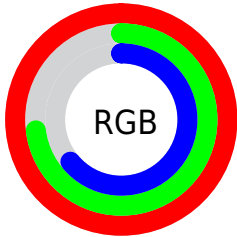
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 195, 163
Decimal	16759715
CIE <sub>Lab</sub>	81.54, 21.50, 21.81
CIE <sub>LCh</sub>	82, 30.628, 45.408
Yxy	59.4450, 0.3912, 0.3544
Android (android.graphics.Color)	4294949795 (0xFFFFBBA3)
YUV	204.5960, -20.5068, 44.2043
Hunter-Lab	77.1006, 16.9974, 21.1606

# Details

The YUV color  $204.5960, -20.5068, 44.2043$  is a light color, and the websafe version is hex  $\text{FFCC99}$ . A complement of this color would be  $213.4040, 20.5068, -44.2043$ , and the grayscale version is  $205.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $243.7380, -12.6888, 9.8768$ , and  $149.9160, -19.1856, 40.4157$  is the 20% darker color. If you saturate the color by 10%, you get  $190.4790, -26.3651, 56.5849$ , and if you desaturate by 10%, it is  $218.5990, -15.0853, 31.9237$ .

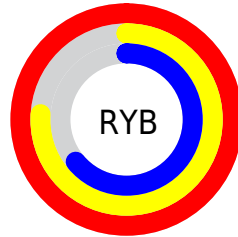
# Distribution



Red (100%)

Green (73%)

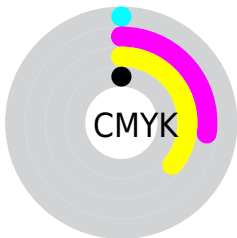
Blue (64%)



Red (100%)

Yellow (76%)

Blue (64%)

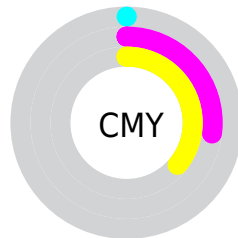


Cyan (0%)

Magenta (27%)

Yellow (36%)

Black (0%)



Cyan (0%)

Magenta (27%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 204.5960, -20.5068, 44.2043 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 204.5960, -20.5068, 44.2043 by changing the saturation by 10% instead.



204.5960,  
-20.5068, 44.2043

204.5960,  
-20.5068, 44.2043

255.0000, 0.0000,  
0.0000

176.8130,  
-19.6278, 42.2600

243.7380,  
-12.6888, 9.8768

149.9160,  
-19.1856, 40.4157

254.0880, -3.4944,  
0.7998

123.5460,  
-18.0172, 38.9862

97.7630, -17.1382,  
37.0418

73.6810, -16.1117,  
34.4828

50.0120, -14.7959,  
32.4385

27.0440, -13.3327,

29.7794

■ 11.3620, -5.6015,  
23.3615

■ 0.0000, 0.0000,  
0.0000

■ 204.5960,  
-20.5068, 44.2043

■ 204.5960,  
-20.5068, 44.2043

■ 190.4790,  
-26.3651, 56.5849

■ 218.5990,  
-15.0853, 31.9237

■ 176.4760,  
-31.7867, 68.8655

■ 232.7160, -9.2270,  
19.5431

■ 162.3590,  
-37.6450, 81.2462

■ 246.7190, -3.8055,  
7.2624

■ 148.9430,  
-43.3559, 93.0120

■ 255.0000, 0.0000,  
0.0000

■ 134.8260,  
-49.2142, 105.3926

■ 120.8230,  
-54.6357, 117.6732

■ 115.5740,  
-56.9780, 122.2766

# Harmonies

## Analogous

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



204.6250, -7.7031, 44.1789



204.5960, -20.5068, 44.2043



202.4880, -26.8626, 29.3900

# Triad

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



204.5960, -20.5068, 44.2043



192.0410, -2.4852, -43.0090



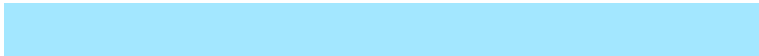
202.6820, 25.7928, -12.8761

# Complementary

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



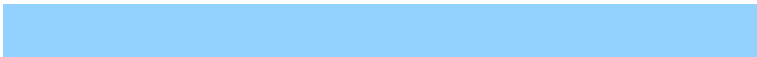
204.5960, -20.5068, 44.2043



213.4040, 20.5068, -44.2043

# 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.



195.7060, 29.2319, -42.7152



204.5960, -20.5068, 44.2043



188.8720, 13.8671, -61.2777

# Square

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



204.5960, -20.5068, 44.2043



196.1230, -16.8226, -17.6479



189.9610, 25.6552, -62.2328



206.5070, 17.9910, 16.2184



# Rectangle

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



204.5960, -20.5068, 44.2043



200.2860, -27.2560, 15.5352



189.9610, 25.6552, -62.2328



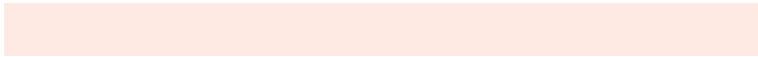
200.8440, 26.6989, -23.5422

# Sweetspot

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



204.5960, -20.5068, 44.2043



239.4810, -6.1531, 13.6102



198.3740, 16.5776, 49.6610



118.4310, -3.6635, 8.3920



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.



204.5960, -20.5068, 44.2043



194.9130, -24.6071, 52.6963



231.0110, -33.5294, 21.0384



120.6480, -2.7845, 6.4477



86.4590, -42.6243, 91.6825

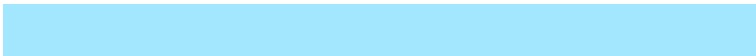


29.1150, -14.3537, 30.5941



# Inverse Universe

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



213.4040, 20.5068, -44.2043



205.0870, 24.6071, -52.6963



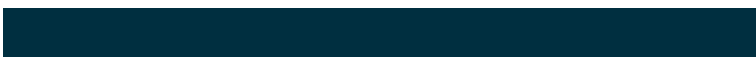
186.9890, 33.5294, -21.0384



121.7650, 3.0739, -5.9329



104.5410, 42.6243, -91.6825



34.8850, 14.3537, -30.5941



# Previews

## White Background



This preview shows how the YUV color 204.5960, -20.5068, 44.2043 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

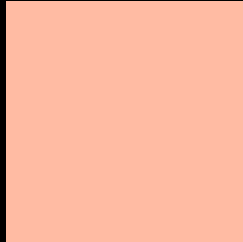
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 204.5960, -20.5068, 44.2043 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 204.5960, -20.5068, 44.2043

## Background



This preview shows how black text looks on a background with the YUV color 204.5960, -20.5068, 44.2043.



This preview shows how white text looks on a background with the YUV color 204.5960, -20.5068,



# 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

204.5960, -20.5068, 44.2043

### Protanopia

201.9400, -15.7464, 10.5766

### Deuteranopia

203.6820, -21.0422, 29.2199



## Tritanopia

206.7110, -4.7875, 42.3495

# Trichromacy



## Original Color

204.5960, -20.5068, 44.2043

## Protanomaly

203.1480, -17.8210, 22.6722

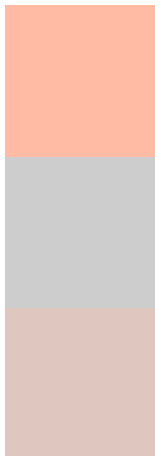
## Deuteranomaly

204.1280, -20.7691, 34.9677

## Tritanomaly

205.9300, -10.3185, 43.0344

# Monochromacy



## Original Color

204.5960, -20.5068, 44.2043

## Achromatopsia

205.0000, 0.0000, 0.0000

## Achromatomaly

204.5630, -7.1796, 16.1692

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 204.5960, -20.5068, 44.2043 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, 187, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 163)  
}
```

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, 187, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 163) }
```

## Border

The CSS property to change the border of an element to YUV 204.5960, -20.5068, 44.2043 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, 187, 163) }
```



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

```
.border{ border-color:rgb(255, 187, 163) }
```

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

Here you see how a box with a 4 pixel rgb(255, 187, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
163) }
```

# Background

The CSS property to change the background color of an element to YUV 204.5960, -20.5068, 44.2043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 163) }
```

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

```
.background{ background-color: rgb(255,  
187, 163) }
```

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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