

# Converting Colors

YUV(204.9180, -12.2846,  
20.2429)

Have a look what the booklet for  
YUV(204.9180, -12.2846, 20.2429)  
contains.

<b>YUV(204.9180, -12.2846, 20.2429)</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(204.9180, -12.2846,  
20.2429)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E4C6B4
RGB	228, 198, 180
RGB Percent	89%, 78%, 71%
CMY	0.1059, 0.2235, 0.2941
CMYK	0.00, 0.13, 0.21, 0.11
HSL	22°, 47%, 80%
HSV	22°, 21%, 89%
XYZ	60.4272, 60.1774, 51.6106
YIQ	204.9180, 23.6580, 0.7620

# Conversions

## Conversions Part 2

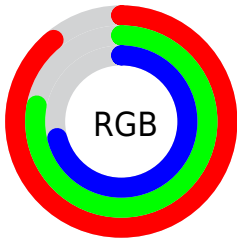
Format	Color
R <sub>Y</sub> B	228, 209, 180
Decimal	14993076
CIE Lab	81.93, 7.80, 12.91
CIE LCh	82, 15.087, 58.860
Yxy	60.1774, 0.3509, 0.3494
Android (android.graphics.Color)	4293183156 (0xFFE4C6B4)
YUV	204.9180, -12.2846, 20.2429
Hunter-Lab	77.5741, 3.2898, 14.8559

# Details

The YUV color  $204.9180, -12.2846, 20.2429$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $203.0820, 12.2846, -20.2429$ , and the grayscale version is  $205.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $252.8340, -8.2992, 1.8996$ , and  $150.4340, -11.5530, 18.9134$  is the 20% darker color. If you saturate the color by 10%, you get  $194.0780, -18.2795, 29.7496$ , and if you desaturate by 10%, it is  $215.7580, -6.2897, 10.7362$ .

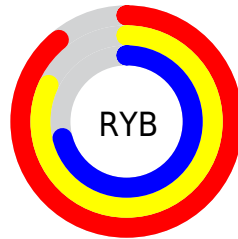
# Distribution



Red (89%)

Green (78%)

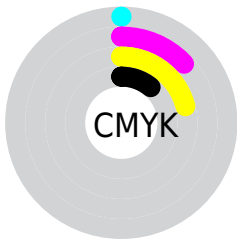
Blue (71%)



Red (89%)

Yellow (82%)

Blue (71%)

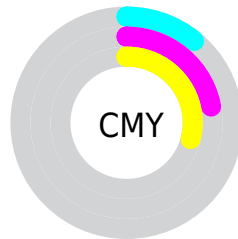


Cyan (0%)

Magenta (13%)

Yellow (21%)

Black (11%)



Cyan (11%)

Magenta (22%)

Yellow (29%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 204.9180, -12.2846, 20.2429 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 204.9180, -12.2846, 20.2429 by changing the saturation by 10% instead.




 204.9180,  
-12.2846, 20.2429


 204.9180,  
-12.2846, 20.2429


255.0000, 0.0000,  
0.0000


 177.6190,  
-12.1372, 19.6281


 252.8340, -8.2992,  
1.8996

 150.4340,  
-11.5530, 18.9134

 124.8360,  
-11.2581, 17.6838

 99.6510, -10.6739,  
16.9691

 75.4660, -10.0897,  
16.2543

 52.6830, -9.2107,  
14.3100

 30.9710, -9.3527,

13.1804

■ 8.0620, -3.9746,  
14.8546

■ 0.0000, 0.0000,  
0.0000

■ 204.9180,  
-12.2846, 20.2429

■ 204.9180,  
-12.2846, 20.2429

■ 194.0780,  
-18.2795, 29.7496

■ 215.7580, -6.2897,  
10.7362

■ 183.2380,  
-24.2743, 39.2563

■ 227.1850, -0.5842,  
0.7148

■ 171.9250,  
-29.5430, 49.1778

■ 237.9110, 4.9739,  
-8.6919

■ 161.0850,  
-35.5379, 58.6845

■ 246.9270, 3.9800,  
-16.5990

■ 150.2450,  
-41.5328, 68.1911

■ 138.8180,  
-47.2383, 78.2126

■ 127.9780,  
-53.2332, 87.7193

■ 118.0670,  
-58.2070, 96.4112

# Harmonies

## Analogous

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



206.2050, -7.4961, 24.3762



204.9180, -12.2846, 20.2429



203.8090, -13.7098, 10.6915

# Triad

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



204.9180, -12.2846, 20.2429



199.0140, 1.9651, -23.6913



204.9860, 11.3459, 0.8893

# Complementary

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



204.9180, -12.2846, 20.2429



203.0820, 12.2846, -20.2429

# 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.



202.9950, 14.2995, -13.1506



204.9180, -12.2846, 20.2429



199.4140, 8.6699, -27.5501

# Square

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



204.9180, -12.2846, 20.2429



199.8320, -5.3402, -13.8847



200.2880, 13.1690, -23.9316



206.3960, 6.2138, 13.6847



# Rectangle

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



204.9180, -12.2846, 20.2429



202.6940, -12.6671, 2.8994



200.2880, 13.1690, -23.9316



204.5940, 12.5252, -4.0289

# Sweetspot

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



204.9180, -12.2846, 20.2429



247.4200, -3.6581, 6.6477



197.7720, 6.0284, 26.5100



123.4520, -2.1948, 3.9886



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.



204.9180, -12.2846, 20.2429



224.2240, -16.3794, 26.9906



219.0060, -19.2300, 7.8877



109.5230, -3.2158, 4.8033



92.8500, -45.7750, 75.5536



26.4020, -13.0162, 21.5724

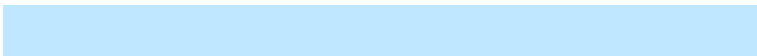


# Inverse Universe

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



203.0820, 12.2846, -20.2429



221.7760, 16.3794, -26.9906



188.9940, 19.2300, -7.8877



108.4770, 3.2158, -4.8033



86.1500, 45.7750, -75.5536



24.5980, 13.0162, -21.5724



# Previews

## White Background



This preview shows how the YUV color 204.9180, -12.2846, 20.2429 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

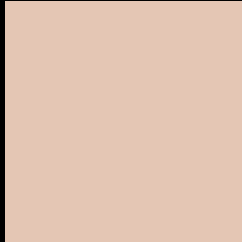
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 204.9180, -12.2846, 20.2429 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

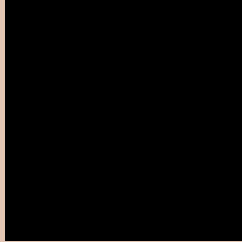
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 204.9180, -12.2846, 20.2429

## Background



This preview shows how black text looks on a background with the YUV color 204.9180, -12.2846, 20.2429.



This preview shows how white text looks on a background with the YUV color 204.9180, -12.2846, 20.2429.



# 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

204.9180, -12.2846, 20.2429

### Protanopia

203.4110, -10.0626, 7.5326

### Deuteranopia

204.9400, -12.2954, 23.7316



## Tritanopia

207.0720, 0.9505, 21.8619

# Trichromacy



## Original Color

204.9180, -12.2846, 20.2429

## Protanomaly

203.9170, -10.8051, 12.3508

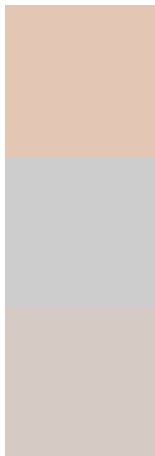
## Deuteranomaly

205.2280, -12.4374, 22.6020

## Tritanomaly

206.1060, -3.9963, 21.8320

# Monochromacy



## Original Color

204.9180, -12.2846, 20.2429

## Achromatopsia

205.0000, 0.0000, 0.0000

## Achromatomaly

204.6050, -4.2423, 7.3624

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 204.9180, -12.2846, 20.2429 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(228, 198, 180)` looks like.

```
.text, #text, p{  
    color:rgb(228, 198, 180)  
}
```

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(228, 198, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 198, 180) }
```

## Border

The CSS property to change the border of an element to YUV 204.9180, -12.2846, 20.2429 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(228, 198, 180) }
```



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

```
.border{ border-color:rgb(228, 198, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 198, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 198, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 198, 180);  
box-shadow:4px 4px 4px 4px rgb(228, 198,  
180) }
```

# Background

The CSS property to change the background color of an element to YUV 204.9180, -12.2846, 20.2429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 198, 180) }
```

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

```
.background{ background-color: rgb(228,  
198, 180) }
```

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