

# Converting Colors

YUV(204.0090, -37.4724,  
-21.0559)

Have a look what the booklet for  
YUV(204.0090, -37.4724, -21.0559)  
contains.

<b>YUV(204.0090, -37.4724, -21.0559)</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(204.0090, -37.4724,  
-21.0559)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B4E780
RGB	180, 231, 128
RGB Percent	71%, 91%, 50%
CMY	0.2941, 0.0941, 0.4980
CMYK	0.22, 0.00, 0.45, 0.09
HSL	90°, 68%, 70%
HSV	90°, 45%, 91%
XYZ	51.2946, 68.4136, 30.9237
YIQ	204.0090, 2.6670, -42.8450

# Conversions

## Conversions Part 2

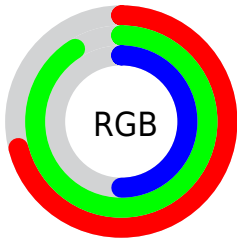
<b>Format</b>	<b>Color</b>
<b>RYB</b>	128, 231, 179
Decimal	11855744
CIELab	86.21, -33.49, 44.76
CIELCh	86, 55.907, 126.802
Yxy	68.4136, 0.3405, 0.4542
Android (android.graphics.Color)	4290045824 (0xFFB4E780)
YUV	204.0090, -37.4724, -21.0559
Hunter-Lab	82.7125, -34.0493, 35.7320

# Details

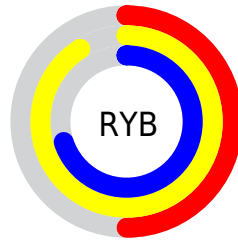
The YUV color **204.0090, -37.4724, -21.0559** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **154.9910, 37.4724, 21.0559**, and the grayscale version is **204.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.2960, -29.2329, -3.7676**, and **148.7640, -35.8727, -20.8410** is the 20% darker color. If you saturate the color by 10%, you get **198.0980, -45.8973, -25.5189**, and if you desaturate by 10%, it is **209.9200, -29.0476, -16.5928**.

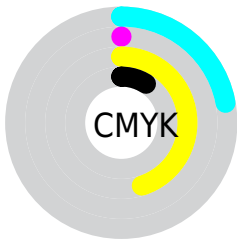
# Distribution



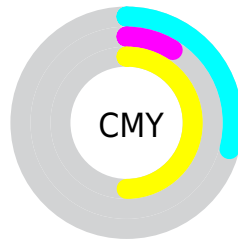
- Red (71%)
- Green (91%)
- Blue (50%)



- Red (50%)
- Yellow (91%)
- Blue (70%)



- Cyan (22%)
- Magenta (0%)
- Yellow (45%)
- Black (9%)



- Cyan (29%)
- Magenta (9%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 204.0090, -37.4724, -21.0559 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 204.0090, -37.4724, -21.0559 by changing the saturation by 10% instead.



■ 204.0090,  
-37.4724, -21.0559

■ 204.0090,  
-37.4724, -21.0559

255.0000, 0.0000,  
0.0000

■ 176.2370,  
-36.5988, -21.2558

■ 241.2960,  
-29.2329, -3.7676

■ 148.7640,  
-35.8727, -20.8410

■ 249.8700,  
-19.6559, 4.4990

■ 121.9920,  
-34.9991, -21.0410

■ 253.1760, -6.9888,  
1.5996

■ 95.8780, -35.4359,  
-20.9410

■ 70.3940, -34.7042,  
-22.2705

■ 48.5320, -23.9263,  
-25.8996

■ 29.3500, -14.4695,

-25.7399

■ 17.6100, -8.6817,  
-15.4440

■ 0.0000, 0.0000,  
0.0000

■ 204.0090,  
-37.4724, -21.0559

■ 204.0090,  
-37.4724, -21.0559

■ 198.0980,  
-45.8973, -25.5189

■ 209.9200,  
-29.0476, -16.5928

■ 191.8880,  
-54.1748, -30.5968

■ 216.1300,  
-20.7701, -11.5150

■ 185.9770,  
-62.5997, -35.0598

■ 222.0410,  
-12.3452, -7.0520

■ 179.7670,  
-70.8771, -40.1377

■ 228.2510, -4.0677,  
-1.9741

■ 173.8560,  
-79.3020, -44.6007

■ 234.1620, 4.3571,  
2.4889

■ 170.5800,  
-84.0959, -46.9897

■ 239.1180, 7.8298,  
8.6665

■ 240.9120, 6.9454,  
12.3552

# Harmonies

## Analogous

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



210.1410, -50.8485, 22.6783



204.0090, -37.4724, -21.0559



193.0790, -10.3919, -73.7373

# Triad

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



204.0090, -37.4724, -21.0559



165.2540, 44.2448, -144.9278



200.6930, 2.6164, 47.6272

# Complementary

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



204.0090, -37.4724, -21.0559



154.9910, 37.4724, 21.0559

# Split Complementary

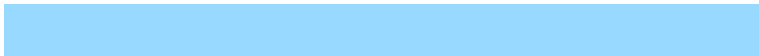
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



210.3880, 21.9937, 39.1247



204.0090, -37.4724, -21.0559



201.5980, 26.3272, -44.3744

# Square

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



204.0090, -37.4724, -21.0559



170.5370, 41.6403, -149.5609



215.2730, 19.5854, 18.1776



199.5750, -21.9755, 48.6077



# Rectangle

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



204.0090, -37.4724, -21.0559



166.3530, 20.5320, -145.8916



215.2730, 19.5854, 18.1776



202.7450, 10.4787, 45.8276

# Sweetspot

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



204.0090, -37.4724, -21.0559



246.4540, -12.0558, -6.5372



188.1470, -29.6525, 37.5821



122.3170, -7.5513, -4.6630



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

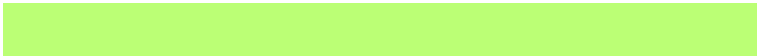


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



204.0090, -37.4724, -21.0559



218.9360, -50.2544, -28.0079



189.0590, -30.1021, -51.7947



111.8380, -4.3571, -2.4889



131.9830, -65.0676, -36.8191



37.7110, -18.5915, -10.2705



# Inverse Universe

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



154.9910, 37.4724, 21.0559



153.0640, 50.2544, 28.0079



169.9410, 30.1021, 51.7947



106.1620, 4.3571, 2.4889



46.7180, 65.2150, 36.2043



13.2890, 18.5915, 10.2705



# Previews

## White Background



This preview shows how the YUV color 204.0090, -37.4724, -21.0559 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 204.0090, -37.4724, -21.0559 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

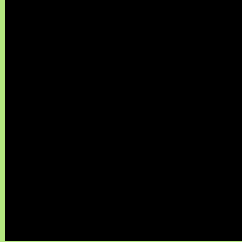
Any Text WCAG AA ✓ Pass

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 204.0090, -37.4724, -21.0559 Background



This preview shows how black text looks on a background with the YUV color 204.0090, -37.4724, -21.0559.



This preview shows how white text looks on a background with the YUV color 204.0090, -37.4724, -21.0559.

-21.0559.

# 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

204.0090, -37.4724, -21.0559

### Protanopia

210.6770, -43.7178, 22.2083

### Deuteranopia

214.3980, -33.7202, 35.6080



## Tritanopia

214.0610, 10.8159, -15.8395

# Trichromacy



**Original Color**

204.0090, -37.4724, -21.0559

**Protanomaly**

208.4470, -41.6324, 6.6240

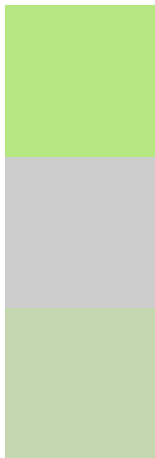
**Deuteranomaly**

210.8100, -35.4023, 15.0756

**Tritanomaly**

210.1690, -6.4923, -17.6882

# Monochromacy



**Original Color**

204.0090, -37.4724, -21.0559

**Achromatopsia**

204.0000, 0.0000, 0.0000

**Achromatomaly**

203.9870, -13.7976, -7.8816

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 204.0090, -37.4724, -21.0559 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(180, 231, 128)` looks like.

```
.text, #text, p{  
    color:rgb(180, 231, 128)  
}
```

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(180, 231, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 231, 128) }
```

## Border

The CSS property to change the border of an element to YUV 204.0090, -37.4724, -21.0559 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(180, 231, 128) }
```



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

```
.border{ border-color:rgb(180, 231, 128) }
```

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

Here you see how a box with a 4 pixel rgb(180, 231, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 231, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 231, 128);  
box-shadow:4px 4px 4px 4px rgb(180, 231,  
128) }
```

# Background

The CSS property to change the background color of an element to YUV 204.0090, -37.4724, -21.0559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 231, 128) }
```

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

```
.background{ background-color: rgb(180,  
231, 128) }
```

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