

# Converting Colors

YUV(204.4770, -40.6612,  
-24.9743)

Have a look what the booklet for  
YUV(204.4770, -40.6612, -24.9743)  
contains.

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# Color

**YUV(204.4770, -40.6612,  
-24.9743)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B0EB7A
RGB	176, 235, 122
RGB Percent	69%, 92%, 48%
CMY	0.3098, 0.0784, 0.5216
CMYK	0.25, 0.00, 0.48, 0.08
HSL	91°, 74%, 70%
HSV	91°, 48%, 92%
XYZ	51.1257, 70.0519, 29.2391
YIQ	204.4770, 1.1090, -47.6510

# Conversions

## Conversions Part 2

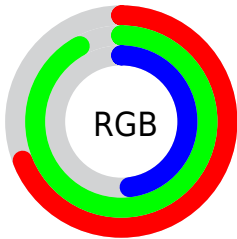
<b>Format</b>	<b>Color</b>
<b>RYB</b>	122, 235, 181
Decimal	11594618
CIELab	87.02, -37.43, 48.59
CIELCh	87, 61.336, 127.605
Yxy	70.0519, 0.3399, 0.4657
Android (android.graphics.Color)	4289784698 (0xFFB0EB7A)
YUV	204.4770, -40.6612, -24.9743
Hunter-Lab	83.6970, -37.4344, 37.8753

# Details

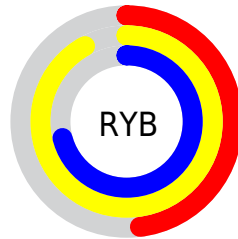
The YUV color  $204.4770, -40.6612, -24.9743$  is a light color, and the websafe version is hex  $CCFF99$ . A complement of this color would be  $152.5230, 40.6612, 24.9743$ , and the grayscale version is  $205.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $239.7150, -31.4115, -5.0121$ , and  $149.2320, -39.0614, -24.7595$  is the 20% darker color. If you saturate the color by 10%, you get  $198.1530, -49.3754, -29.9522$ , and if you desaturate by 10%, it is  $210.8010, -31.9469, -19.9965$ .

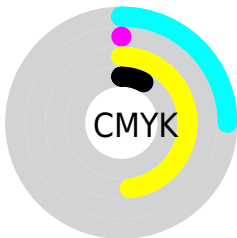
# Distribution



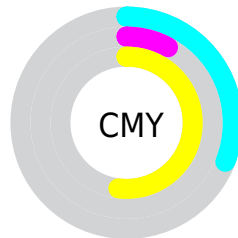
- Red (69%)
- Green (92%)
- Blue (48%)



- Red (48%)
- Yellow (92%)
- Blue (71%)



- Cyan (25%)
- Magenta (0%)
- Yellow (48%)
- Black (8%)



- Cyan (31%)
- Magenta (8%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 204.4770, -40.6612, -24.9743 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 204.4770, -40.6612, -24.9743 by changing the saturation by 10% instead.



■ 204.4770,  
-40.6612, -24.9743

■ 204.4770,  
-40.6612, -24.9743

255.0000, 0.0000,  
0.0000

■ 176.7050,  
-39.7876, -25.1743

■ 239.7150,  
-31.4115, -5.0121

■ 149.2320,  
-39.0614, -24.7595

■ 249.3000,  
-21.8399, 4.9989

■ 122.2320,  
-39.0614, -24.7595

■ 252.4920, -9.6096,  
2.1995

■ 95.4770, -40.6612,  
-24.9743

■ 70.3610, -34.6880,  
-27.5036

■ 46.1070, -22.7308,  
-36.0508

■ 30.5240, -15.0483,

-26.7695

■ 18.7840, -9.2605,  
-16.4736

■ 0.0000, 0.0000,  
0.0000

■ 204.4770,  
-40.6612, -24.9743

■ 204.4770,  
-40.6612, -24.9743

■ 198.1530,  
-49.3754, -29.9522

■ 210.8010,  
-31.9469, -19.9965

■ 191.6440,  
-57.5055, -35.6448

■ 217.3100,  
-23.8168, -14.3039

■ 185.4340,  
-65.7830, -40.7226

■ 223.6340,  
-15.1026, -9.3260

■ 179.1100,  
-74.4972, -45.7005

■ 229.8440, -6.8251,  
-4.2482

■ 172.7860,  
-83.2115, -50.6783

■ 236.1680, 1.8892,  
0.7297

■ 171.4330,  
-84.5165, -52.1227

■ 241.7650, 6.5249,  
7.2221

■ 243.2600, 5.7878,  
10.2960

# Harmonies

## Analogous

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



211.4740, -55.9427, 23.2633



204.4770, -40.6612, -24.9743



190.2300, -9.4804, -86.1477

# Triad

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



204.4770, -40.6612, -24.9743



167.6020, 43.0872, -146.9870



198.2310, 3.3371, 49.7864

# Complementary

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



204.4770, -40.6612, -24.9743



152.5230, 40.6612, 24.9743

# 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.



208.6270, 22.8619, 40.6691



204.4770, -40.6612, -24.9743



200.9780, 26.6328, -49.0927

# Square

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



204.4770, -40.6612, -24.9743



172.8850, 40.4827, -151.6201



217.0670, 18.7010, 21.8662



198.4180, -23.8701, 49.6224



# Rectangle

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



204.4770, -40.6612, -24.9743



169.0430, 20.6848, -148.2507



217.0670, 18.7010, 21.8662



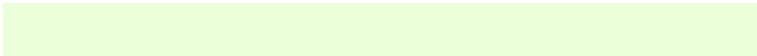
201.0980, 11.7837, 47.2721

# Sweetspot

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



204.4770, -40.6612, -24.9743



245.2150, -12.9240, -8.0816



189.8330, -33.4417, 39.6115



121.9040, -7.8407, -5.1778



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

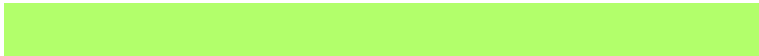


# Same Dimension

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



204.4770, -40.6612, -24.9743



215.1050, -53.2958, -32.5411



188.5590, -31.8276, -58.3722



113.9520, -3.9203, -2.5889



132.2600, -65.2042, -39.6930



39.4720, -19.4597, -11.8149



# Inverse Universe

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



152.5230, 40.6612, 24.9743



146.8950, 53.2958, 32.5411



168.4410, 31.8276, 58.3722



109.0480, 3.9203, 2.5889



49.0390, 65.0568, 40.3078



14.5280, 19.4597, 11.8149



# Previews

## White Background



This preview shows how the YUV color 204.4770, -40.6612, -24.9743 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

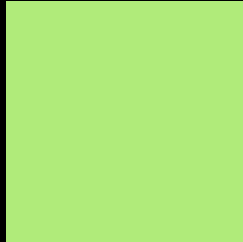
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 204.4770, -40.6612, -24.9743 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

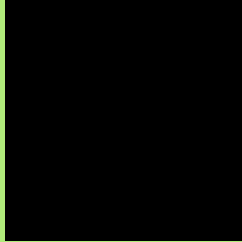
Any Text WCAG AA ✓ Pass

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 204.4770, -40.6612, -24.9743 Background



This preview shows how black text looks on a background with the YUV color 204.4770, -40.6612, -24.9743.



This preview shows how white text looks on a background with the YUV color 204.4770, -40.6612, -24.9743.

-24.9743.

# 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

204.4770, -40.6612, -24.9743

### Protanopia

212.0640, -47.3596, 23.6229

### Deuteranopia

216.2560, -31.6782, 33.9785



## Tritanopia

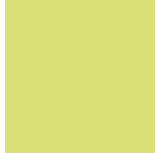
215.3810, 12.1372, -19.6281

# Trichromacy



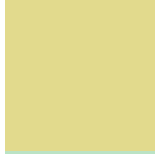
## Original Color

204.4770, -40.6612, -24.9743



## Protanomaly

209.5240, -45.1213, 5.6795



## Deuteranomaly

211.6140, -34.8127, 12.6165



## Tritanomaly

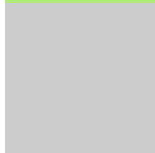
211.6200, -7.2077, -21.5917

# Monochromacy



## Original Color

204.4770, -40.6612, -24.9743



## Achromatopsia

204.0000, 0.0000, 0.0000



## Achromatomaly

204.0470, -14.8132, -8.8112

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 204.4770, -40.6612, -24.9743 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(176, 235, 122)` looks like.

```
.text, #text, p{  
    color:rgb(176, 235, 122)  
}
```

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(176, 235, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 235, 122) }
```

## Border

The CSS property to change the border of an element to YUV 204.4770, -40.6612, -24.9743 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(176, 235, 122) }
```



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

```
.border{ border-color:rgb(176, 235, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 235, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 235, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 235, 122);  
box-shadow:4px 4px 4px 4px rgb(176, 235,  
122) }
```

# Background

The CSS property to change the background color of an element to YUV 204.4770, -40.6612, -24.9743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 235, 122) }
```

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

```
.background{ background-color: rgb(176,  
235, 122) }
```

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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