

# Converting Colors

YUV(165.0530, -24.1831,  
-36.8805)

Have a look what the booklet for  
YUV(165.0530, -24.1831, -36.8805)  
contains.

<b>YUV(165.0530, -24.1831, -36.8805)</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(165.0530, -24.1831,  
-36.8805)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7BC474
RGB	123, 196, 116
RGB Percent	48%, 77%, 45%
CMY	0.5176, 0.2314, 0.5451
CMYK	0.37, 0.00, 0.41, 0.23
HSL	115°, 40%, 61%
HSV	115°, 41%, 77%
XYZ	31.0607, 44.9518, 23.5625
YIQ	165.0530, -17.8280, -40.3560

# Conversions

## Conversions Part 2

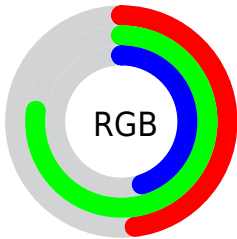
Format	Color
<a href="#">RYB</a>	<a href="#">116, 196, 189</a>
Decimal	<a href="#">8111220</a>
CIELab	<a href="#">72.86, -38.62, 33.13</a>
CIELCh	<a href="#">73, 50.885, 139.373</a>
Yxy	<a href="#">44.9518, 0.3119, 0.4514</a>
Android (android.graphics.Color)	<a href="#">4286301300 (0xFF7BC474)</a>
YUV	<a href="#">165.0530, -24.1831, -36.8805</a>
Hunter-Lab	<a href="#">67.0461, -34.6363, 26.0955</a>

# Details

The YUV color **165.0530, -24.1831, -36.8805** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **146.9470, 24.1831, 36.8805**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.9990, -25.6355, -37.7101**, and **111.5090, -22.4359, -37.2804** is the 20% darker color. If you saturate the color by 10%, you get **157.3910, -30.2658, -45.9469**, and if you desaturate by 10%, it is **172.7150, -18.1005, -27.8141**.

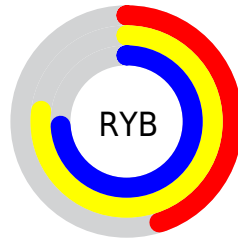
# Distribution



Red (48%)

Green (77%)

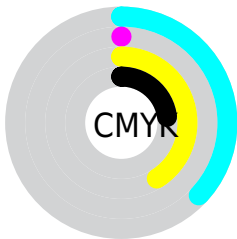
Blue (45%)



Red (45%)

Yellow (77%)

Blue (74%)

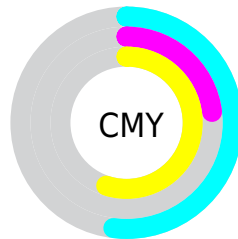


Cyan (37%)

Magenta (0%)

Yellow (41%)

Black (23%)



Cyan (52%)

Magenta (23%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 165.0530, -24.1831, -36.8805 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 165.0530, -24.1831, -36.8805 by changing the saturation by 10% instead.



■ 165.0530,  
-24.1831, -36.8805

■ 165.0530,  
-24.1831, -36.8805

255.0000, 0.0000,  
0.0000

■ 137.6940,  
-23.0201, -36.5656

■ 220.9990,  
-25.6355, -37.7101

■ 111.5090,  
-22.4359, -37.2804

■ 233.9220,  
-18.6955, -23.6106

■ 85.4380, -21.4149,  
-38.0951

■ 245.8990,  
-10.3032, -8.6814

■ 56.9640, -19.2093,  
-45.5724

254.8860, -0.4368,  
0.1000

■ 38.7420, -19.0998,  
-33.9767

■ 25.8280, -12.7332,  
-22.6512

■ 10.5660, -5.2090,

-9.2664

■ 0.0000, 0.0000,  
0.0000

■ 165.0530,  
-24.1831, -36.8805

■ 165.0530,  
-24.1831, -36.8805

■ 157.3910,  
-30.2658, -45.9469

■ 172.7150,  
-18.1005, -27.8141

■ 149.8430,  
-35.9116, -55.1133

■ 180.2630,  
-12.4547, -18.6477

■ 142.1810,  
-41.9942, -64.1797


■ 187.9250, -6.3720,  
-9.5812


■ 134.6330,  
-47.6401, -73.3461


■ 195.4730, -0.7262,  
-0.4148


■ 127.2700,  
-53.8701, -81.7978

■ 202.8360, 5.5039,  
8.0368

 120.1350,  
-59.2266, -90.4494

 210.4980, 11.5865,  
17.1033

 218.0460, 17.2323,  
26.2697

 220.3670, 17.0741,  
30.3731

# Harmonies

## Analogous

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



172.1370, -41.4795, 4.2649



165.0530, -24.1831, -36.8805



147.2790, 6.2715, -98.4687

# Triad

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



165.0530, -24.1831, -36.8805



153.1690, 50.2027, -95.7412



176.1120, -12.8732, 69.1848

# Complementary

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



165.0530, -24.1831, -36.8805



146.9470, 24.1831, 36.8805

# 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.



182.0570, 7.3669, 63.9710



165.0530, -24.1831, -36.8805



177.2650, 38.3234, -18.6494

# Square

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



165.0530, -24.1831, -36.8805



144.4980, 51.0265, -126.7247



184.1250, 27.5464, 31.4624



177.9980, -33.5230, 65.7768

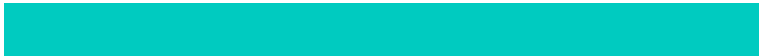


# Rectangle

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



165.0530, -24.1831, -36.8805



141.0490, 25.1188, -123.7000



184.1250, 27.5464, 31.4624



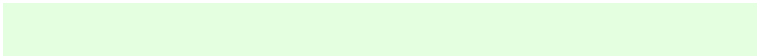
177.3490, -5.5951, 68.0999

# Sweetspot

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



165.0530, -24.1831, -36.8805



243.0940, -9.4133, -14.1144



182.1840, -32.6287, 12.1166



120.8650, -5.3564, -8.6516



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.



165.0530, -24.1831, -36.8805



206.6640, -37.7954, -57.5873



166.6080, -9.1737, -44.3832



93.1690, -3.0413, -4.5332



98.6930, -48.6556, -74.2758



20.2680, -9.9921, -15.1440



# Inverse Universe

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



146.9470, 24.1831, 36.8805



178.3360, 37.7954, 57.5873



145.3920, 9.1737, 44.3832



90.8310, 3.0413, 4.5332



62.3070, 48.6556, 74.2758



12.7320, 9.9921, 15.1440



# Previews

## White Background



This preview shows how the YUV color 165.0530, -24.1831, -36.8805 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 165.0530, -24.1831, -36.8805 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 165.0530, -24.1831, -36.8805 Background



This preview shows how black text looks on a background with the YUV color 165.0530, -24.1831, -36.8805.



This preview shows how white text looks on a background with the YUV color 165.0530, -24.1831, -36.8805.

-36.8805.

# 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

165.0530, -24.1831, -36.8805

### Protanopia

174.9180, -32.4976, 16.7349

### Deuteranopia

177.3850, -27.3048, 31.2344



## Tritanopia

173.6570, 13.4801, -30.3942

# Trichromacy



## Original Color

165.0530, -24.1831, -36.8805

## Protanomaly

171.5950, -29.3803, -3.1528

## Deuteranomaly

172.5730, -25.9185, 6.5135

## Tritanomaly

170.6770, -0.3338, -33.0427

# Monochromacy



## Original Color

165.0530, -24.1831, -36.8805

## Achromatopsia

165.0000, 0.0000, 0.0000

## Achromatomaly

164.9200, -8.8346, -13.0848

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 165.0530, -24.1831, -36.8805 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(123, 196, 116)` looks like.

```
.text, #text, p{  
    color:rgb(123, 196, 116)  
}
```

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(123, 196, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 196, 116) }
```

## Border

The CSS property to change the border of an element to YUV 165.0530, -24.1831, -36.8805 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(123, 196, 116) }
```



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

```
.border{ border-color:rgb(123, 196, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 196, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 196, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 196, 116);  
box-shadow:4px 4px 4px 4px rgb(123, 196,  
116) }
```

# Background

The CSS property to change the background color of an element to YUV 165.0530, -24.1831, -36.8805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 196, 116) }
```

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

```
.background{ background-color: rgb(123,  
196, 116) }
```

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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