

# Converting Colors

YUV(164.3830, -64.7718,  
8.4341)

Have a look what the booklet for  
YUV(164.3830, -64.7718, 8.4341)  
contains.

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# Color

**YUV(164.3830, -64.7718,  
8.4341)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AEB921
RGB	174, 185, 33
RGB Percent	68%, 73%, 13%
CMY	0.3176, 0.2745, 0.8706
CMYK	0.06, 0.00, 0.82, 0.27
HSL	64°, 70%, 43%
HSV	64°, 82%, 73%
XYZ	35.0790, 43.8064, 8.0455
YIQ	164.3830, 42.2360, -49.6040

# Conversions

## Conversions Part 2

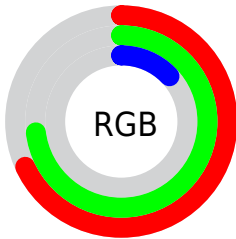
Format	Color
<b>RYB</b>	33, 185, 44
Decimal	11450657
CIELab	72.10, -21.08, 67.97
CIELCh	72, 71.164, 107.234
Yxy	43.8064, 0.4035, 0.5039
Android (android.graphics.Color)	4289640737 (0xFFAEB921)
YUV	164.3830, -64.7718, 8.4341
Hunter-Lab	66.1864, -21.2206, 39.1233

# Details

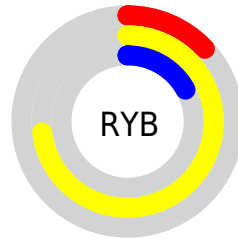
The YUV color **164.3830, -64.7718, 8.4341** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **53.6170, 64.7718, -8.4341**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.8500, -63.0300, 9.7786**, and **112.4670, -55.4462, 3.9754** is the 20% darker color. If you saturate the color by 10%, you get **161.9180, -72.9236, 9.7189**, and if you desaturate by 10%, it is **166.8480, -56.6201, 7.1493**.

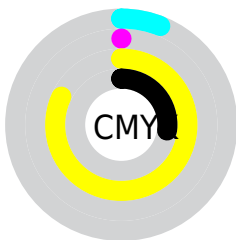
# Distribution



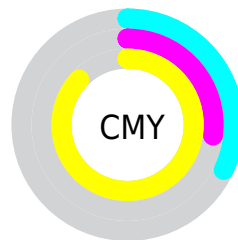
- Red (68%)
- Green (73%)
- Blue (13%)



- Red (13%)
- Yellow (73%)
- Blue (17%)



- Cyan (6%)
- Magenta (0%)
- Yellow (82%)
- Black (27%)



- Cyan (32%)
- Magenta (27%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 164.3830, -64.7718, 8.4341 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 164.3830, -64.7718, 8.4341 by changing the saturation by 10% instead.



■ 164.3830,  
-64.7718, 8.4341

■ 164.3830,  
-64.7718, 8.4341

■ 255.0000, 0.0000,  
0.0000

■ 136.1010,  
-67.0978, 7.8044

■ 221.8500,  
-63.0300, 9.7786

■ 112.4670,  
-55.4462, 3.9754

■ 239.8380,  
-58.0941, 13.2971

■ 89.7190, -44.2315,  
0.2464

■ 243.0300,  
-45.8638, 10.4977

■ 67.5580, -33.3061,  
-3.9974

■ 246.2220,  
-33.6334, 7.6983

■ 45.9840, -22.6701,  
-8.7560

■ 249.5280,  
-20.9663, 4.7989

■ 24.9970, -12.3235,  
-14.0294

■ 252.8340, -8.2992,

■ 8.2180, -4.0515,

1.8996

-7.2072

■ 0.0000, 0.0000,  
0.0000

■ 164.3830,  
-64.7718, 8.4341

■ 164.3830,  
-64.7718, 8.4341

■ 161.9180,  
-72.9236, 9.7189

■ 166.8480,  
-56.6201, 7.1493

■ 160.0230,  
-78.8913, 10.5038

■ 169.4980,  
-49.0525, 6.5793

■ 171.9630,  
-40.9008, 5.2944

■ 174.3140,  
-33.1858, 4.1096

■ 177.0780,  
-25.1815, 3.4396

■ 179.4290,  
-17.4665, 2.2548

■ 181.8940, -9.3147,  
0.9700

■ 184.5440, -1.7472,  
0.3999

■ 187.0090, 6.4046,  
-0.8849

# Harmonies

## Analogous

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



170.0390, -66.0812, 55.2168



164.3830, -64.7718, 8.4341



154.8650, -35.9224, -51.6246

# Triad

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



164.3830, -64.7718, 8.4341



148.8180, 52.3477, -130.5134



169.1090, 18.6803, 75.3264

# Complementary

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



164.3830, -64.7718, 8.4341



53.6170, 64.7718, -8.4341

# 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.



180.8840, 36.5392, 40.4437



164.3830, -64.7718, 8.4341



141.7740, 55.8204, -124.3358

# Square

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



164.3830, -64.7718, 8.4341



146.3780, 32.8446, -128.3735



165.6260, 44.0614, -39.1370



160.5250, -9.1328, 82.8546



# Rectangle

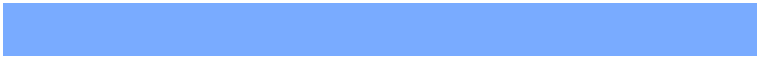
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



164.3830, -64.7718, 8.4341



133.8840, -4.8728, -117.4163



165.6260, 44.0614, -39.1370



175.6120, 25.8273, 69.6233

# Sweetspot

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



164.3830, -64.7718, 8.4341



231.6650, -25.4708, 2.9248



84.3180, -25.2998, 88.2981



114.9990, -15.2825, 1.7549



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000



# Same Dimension

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



164.3830, -64.7718, 8.4341



207.7850, -101.4520, 13.3436



141.9580, -53.7163, -37.6742



90.6750, -3.7838, 0.2850



134.6280, -66.3716, 8.2192



24.2100, -11.9355, 1.5698



# Inverse Universe

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



53.6170, 64.7718, -8.4341



34.5140, 101.3046, -12.7288



76.0420, 53.7163, 37.6742



84.0260, 3.9312, -0.8998



21.0730, 66.5190, -8.8340



3.7900, 11.9355, -1.5698



# Previews

## White Background



This preview shows how the YUV color 164.3830, -64.7718, 8.4341 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 164.3830, -64.7718, 8.4341 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

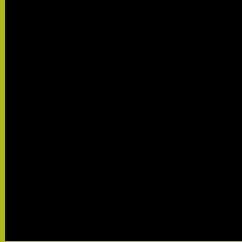
Any Text WCAG AA ✓ Pass

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 164.3830, -64.7718, 8.4341 Background



This preview shows how black text looks on a background with the YUV color 164.3830, -64.7718, 8.4341.



This preview shows how white text looks on a background with the YUV color 164.3830, -64.7718, 8.4341.



# 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

164.3830, -64.7718, 8.4341

### Protanopia

166.9340, -67.0155, 28.1219

### Deuteranopia

169.3090, -62.2703, 46.2100



## Tritanopia

178.0810, 3.9041, 7.8220

# Trichromacy



## Original Color

164.3830, -64.7718, 8.4341

## Protanomaly

166.1180, -66.1202, 20.9445

## Deuteranomaly

167.8790, -63.5373, 32.5551

## Tritanomaly

173.1370, -21.2665, 7.7729

# Monochromacy



## Original Color

164.3830, -64.7718, 8.4341

## Achromatopsia

164.0000, 0.0000, 0.0000

## Achromatomaly

164.4200, -23.8711, 3.1397

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 164.3830, -64.7718, 8.4341 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(174, 185, 33)` looks like.

```
.text, #text, p{  
    color:rgb(174, 185, 33)  
}
```

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(174, 185, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 185, 33) }
```

## Border

The CSS property to change the border of an element to YUV 164.3830, -64.7718, 8.4341 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(174, 185, 33) }
```



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

```
.border{ border-color:rgb(174, 185, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 185, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 185, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 185, 33);  
box-shadow:4px 4px 4px 4px rgb(174, 185,  
33) }
```

# Background

The CSS property to change the background color of an element to YUV 164.3830, -64.7718, 8.4341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 185, 33) }
```

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

```
.background{ background-color: rgb(174,  
185, 33) }
```

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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