

# Converting Colors

YUV(165.3430, -0.1691, 7.5922)

Have a look what the booklet for  
YUV(165.3430, -0.1691, 7.5922)  
contains.

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# Color

**YUV(165.3430, -0.1691,  
7.5922)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AEA1A5
RGB	174, 161, 165
RGB Percent	68%, 63%, 65%
CMY	0.3176, 0.3686, 0.3529
CMYK	0.00, 0.07, 0.05, 0.32
HSL	342°, 7%, 66%
HSV	342°, 7%, 68%
XYZ	36.9920, 37.2050, 40.8289
YIQ	165.3430, 6.4640, 4.0000

# Conversions

## Conversions Part 2

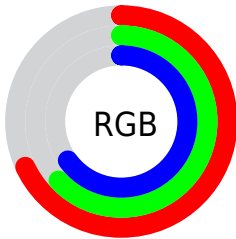
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 161, 165
Decimal	11444645
CIELab	67.43, 5.44, -0.38
CIELCh	67, 5.455, 356.042
Yxy	37.2050, 0.3216, 0.3234
Android (android.graphics.Color)	4289634725 (0xFFAEA1A5)
YUV	165.3430, -0.1691, 7.5922
Hunter-Lab	60.9959, 1.5113, 3.0101

# Details

The YUV color  $165.3430, -0.1691, 7.5922$  is a light color, and the websafe version is hex  $999999$ . A complement of this color would be  $169.6570, 0.1691, -7.5922$ , and the grayscale version is  $165.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $220.3430, -0.1691, 7.5922$ , and  $113.3430, -0.1691, 7.5922$  is the 20% darker color. If you saturate the color by 10%, you get  $153.9960, -0.4910, 17.5435$ , and if you desaturate by 10%, it is  $176.6900, 0.1528, -2.3591$ .

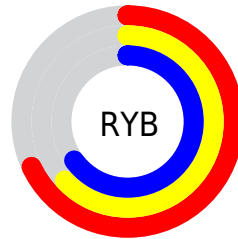
# Distribution



Red (68%)

Green (63%)

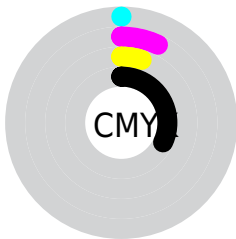
Blue (65%)



Red (68%)

Yellow (63%)

Blue (65%)

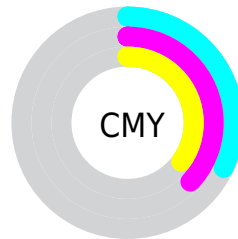


Cyan (0%)

Magenta (7%)

Yellow (5%)

Black (32%)



Cyan (32%)

Magenta (37%)


Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 165.3430, -0.1691, 7.5922 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 165.3430, -0.1691, 7.5922 by changing the saturation by 10% instead.



 165.3430, -0.1691,  
7.5922

 165.3430, -0.1691,  
7.5922


255.0000, 0.0000,  
0.0000


 139.0440, -0.0217,  
6.9774


 220.3430, -0.1691,  
7.5922


 113.3430, -0.1691,  
7.5922

 247.7450, 0.1257,  
6.3626

 89.0440, -0.0217,  
6.9774

 65.6310, -0.3111,  
6.4626

 43.3320, -0.1637,  
5.8478

 23.0330, -0.0163,  
5.2331

 0.0000, 0.0000,

0.0000

■ 165.3430, -0.1691,  
7.5922

■ 165.3430, -0.1691,  
7.5922

■ 153.9960, -0.4910,  
17.5435

■ 176.6900, 0.1528,  
-2.3591

■ 142.0620, -0.5236,  
28.0096

■ 188.6240, 0.1854,  
-12.8252

■ 130.7150, -0.8455,  
37.9609

■ 199.9710, 0.5073,  
-22.7766

■ 118.7810, -0.8780,  
48.4271

■ 211.9050, 0.5398,  
-33.2427

■ 107.4340, -1.2000,  
58.3784

■ 223.2520, 0.8618,  
-43.1940

■ 96.0870, -1.5219,  
68.3297

■ 228.7290, 4.0776,  
-47.9973

■ 84.1530, -1.5544,  
78.7958

■ 230.0970, 9.3192,  
-49.1971

■ 72.8060, -1.8764,  
88.7471

■ 230.7810, 11.9400,  
-49.7969

■ 60.8720, -1.9089,  
99.2133

# Harmonies

## Analogous

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



165.3040, 2.3151, 4.1184



165.3430, -0.1691, 7.5922



165.0720, -2.5005, 8.7069

# Triad

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



165.3430, -0.1691, 7.5922



163.5610, -4.2206, 0.3850



163.0960, 4.3897, -7.9772

# Complementary

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



165.3430, -0.1691, 7.5922



169.6570, 0.1691, -7.5922

# 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.



162.6290, 2.6479, -9.3216



165.3430, -0.1691, 7.5922



162.8100, -1.8783, -4.2184

# Square

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



165.3430, -0.1691, 7.5922



164.3550, -5.1050, 4.0737



162.6570, 0.1691, -7.5922



164.2320, 4.8156, -4.5885



# Rectangle

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



165.3430, -0.1691, 7.5922



165.0180, -3.9529, 7.8772



162.6570, 0.1691, -7.5922



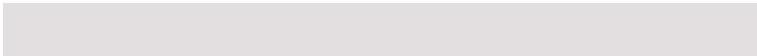
163.2700, 3.8109, -9.0068

# Sweetspot

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



165.3430, -0.1691, 7.5922



223.7230, 0.1366, 2.8739



165.1730, 4.3517, 4.2333



113.0110, -0.0054, 1.7444



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000



# Same Dimension

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



165.3430, -0.1691, 7.5922



213.6640, -0.3274, 11.6957



166.0610, -2.4951, 6.9625



81.0330, -0.0163, 5.2331



50.0940, -2.0183, 87.6176



7.6750, -0.3328, 13.4400



# Inverse Universe

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



165.3430, -0.1691, 7.5922



213.6640, -0.3274, 11.6957



168.9390, 2.4951, -6.9625



81.0330, -0.0163, 5.2331



50.0940, -2.0183, 87.6176



7.6750, -0.3328, 13.4400



# Previews

## White Background



This preview shows how the YUV color 165.3430, -0.1691, 7.5922 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 165.3430, -0.1691, 7.5922 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

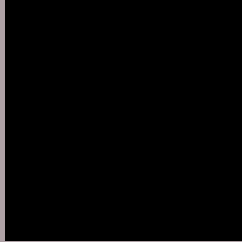
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 165.3430, -0.1691, 7.5922

## Background



This preview shows how black text looks on a background with the YUV color 165.3430, -0.1691, 7.5922.



This preview shows how white text looks on a background with the YUV color 165.3430, -0.1691,



# 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

165.3430, -0.1691, 7.5922

### Protanopia

164.2390, 0.8682, 1.5444

### Deuteranopia

165.6640, -0.3274, 11.6957



## Tritanopia

165.8530, 3.0305, 8.0219

# Trichromacy



## Original Color

165.3430, -0.1691, 7.5922

## Protanomaly

164.5490, 0.7153, 3.9035

## Deuteranomaly

165.6530, -0.3219, 9.9513

## Tritanomaly

165.5110, 1.7201, 8.3219

# Monochromacy



## Original Color

165.3430, -0.1691, 7.5922

## Achromatopsia

165.0000, 0.0000, 0.0000

## Achromatomaly

165.3100, -0.1528, 2.3591

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 165.3430, -0.1691, 7.5922 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, 161, 165)` looks like.

```
.text, #text, p{  
    color:rgb(174, 161, 165)  
}
```

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, 161, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 161, 165) }
```

## Border

The CSS property to change the border of an element to YUV 165.3430, -0.1691, 7.5922 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, 161, 165) }
```



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

```
.border{ border-color:rgb(174, 161, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 161, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 161, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 161, 165);  
box-shadow:4px 4px 4px 4px rgb(174, 161,  
165) }
```

# Background

The CSS property to change the background color of an element to YUV 165.3430, -0.1691, 7.5922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 161, 165) }
```

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

```
.background{ background-color: rgb(174,  
161, 165) }
```

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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