

Converting Colors

YUV(166.7730, -2.3531, 8.0921)

Have a look what the booklet for
YUV(166.7730, -2.3531, 8.0921)
contains.

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Color

**YUV(166.7730, -2.3531,
8.0921)**

Conversions

Conversions Part 1

Format	Color
Hex	B0A3A2
RGB	176, 163, 162
RGB Percent	69%, 64%, 64%
CMY	0.3098, 0.3608, 0.3647
CMYK	0.00, 0.07, 0.08, 0.31
HSL	4°, 8%, 66%
HSV	4°, 8%, 69%
XYZ	37.5233, 38.0331, 39.5459
YIQ	166.7730, 8.0690, 2.4450

Conversions

Conversions Part 2

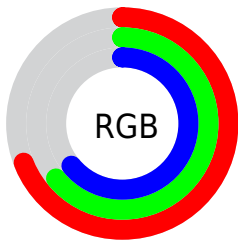
Format	Color
RYB	176, 163, 162
Decimal	11576226
CIELab	68.05, 4.53, 2.21
CIELCh	68, 5.043, 25.990
Yxy	38.0331, 0.3260, 0.3304
Android (android.graphics.Color)	4289766306 (0xFFB0A3A2)
YUV	166.7730, -2.3531, 8.0921
Hunter-Lab	61.6710, 0.6828, 5.1506

Details

The YUV color **166.7730, -2.3531, 8.0921** is a light color, and the websafe version is hex **999999**. A complement of this color would be **171.2270, 2.3531, -8.0921**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.0720, -2.5005, 8.7069**, and **114.4740, -2.2057, 7.4773** is the 20% darker color. If you saturate the color by 10%, you get **155.3290, -5.5852, 18.1285**, and if you desaturate by 10%, it is **178.2170, 0.8790, -1.9443**.

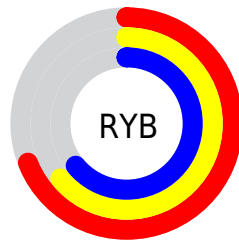
Distribution



Red (69%)

Green (64%)

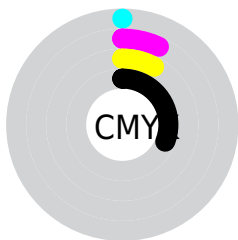
Blue (64%)



Red (69%)

Yellow (64%)

Blue (64%)

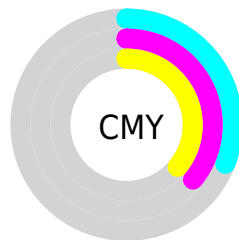


Cyan (0%)

Magenta (7%)

Yellow (8%)

Black (31%)



Cyan (31%)

Magenta (36%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.7730, -2.3531, 8.0921 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 166.7730, -2.3531, 8.0921 by changing the saturation by 10% instead.

■ 166.7730, -2.3531,
8.0921

■ 166.7730, -2.3531,
8.0921

255.0000, 0.0000,
0.0000

■ 140.4740, -2.2057,
7.4773

■ 222.0720, -2.5005,
8.7069

■ 114.4740, -2.2057,
7.4773

■ 248.5770, -1.7635,
5.6330

■ 90.4740, -2.2057,
7.4773

■ 67.1750, -2.0583,
6.8625

■ 44.8760, -1.9109,
6.2477

■ 23.9900, -1.4741,
6.1478

■ 0.0000, 0.0000,

0.0000

■ 166.7730, -2.3531,
8.0921

■ 166.7730, -2.3531,
8.0921

■ 155.3290, -5.5852,
18.1285

■ 178.2170, 0.8790,
-1.9443

■ 143.4120, -8.0911,
28.5797

■ 190.1340, 3.3849,
-12.3955

■ 131.9680,
-11.3232, 38.6161

■ 201.5780, 6.6170,
-22.4319

■ 120.6380,
-14.1185, 48.5525

■ 212.9080, 9.4124,
-32.3683

■ 108.6070,
-17.0613, 59.1037

■ 224.9390, 12.3551,
-42.9195

■ 97.1630, -20.2934,
69.1400

■ 231.3790, 11.6452,
-48.5674

■ 85.8330, -23.0887,
79.0765

■ 73.8020, -26.0314,
89.6276

■ 62.4720, -28.8267,
99.5641

Harmonies

Analogous

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



167.0440, -0.0217, 6.9774



166.7730, -2.3531, 8.0921



166.3060, -4.0949, 6.7476

Triad

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



166.7730, -2.3531, 8.0921



164.8100, -1.8783, -4.2184



165.5310, 4.6682, -3.9737

Complementary

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



166.7730, -2.3531, 8.0921



171.2270, 2.3531, -8.0921

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.



164.9820, 3.9529, -7.8772



166.7730, -2.3531, 8.0921



164.6570, 0.1691, -7.5922

Square

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



166.7730, -2.3531, 8.0921



165.3760, -3.6364, -0.3298



164.3410, 2.7899, -8.1921



166.3250, 3.7838, -0.2850

Rectangle

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



166.7730, -2.3531, 8.0921



166.1810, -4.5262, 5.1033



164.3410, 2.7899, -8.1921



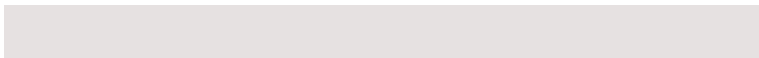
165.4060, 4.2368, -5.6181

Sweetspot

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



166.7730, -2.3531, 8.0921



226.4950, -0.7370, 3.0739



167.6680, 3.6147, 7.3072



113.4840, -0.7316, 1.3295



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.



166.7730, -2.3531, 8.0921



214.4640, -3.6798, 13.6251



170.8820, -4.3788, 4.4885



83.2780, -1.6161, 5.0182



52.2040, -25.7366, 88.3981



8.9480, -4.4114, 14.9546

Inverse Universe

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



171.2270, 2.3531, -8.0921



221.9490, 3.9691, -13.1103



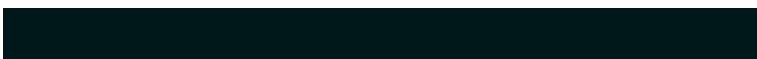
167.1180, 4.3788, -4.4885



86.3090, 1.3267, -5.5330



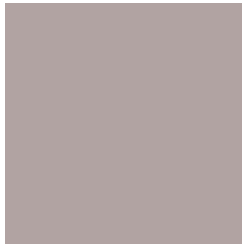
100.7960, 25.7366, -88.3981



17.0520, 4.4114, -14.9546

Previews

White Background



This preview shows how the YUV color 166.7730, -2.3531, 8.0921 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 166.7730, -2.3531, 8.0921 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 166.7730, -2.3531, 8.0921

Background



This preview shows how black text looks on a background with the YUV color 166.7730, -2.3531, 8.0921.



This preview shows how white text looks on a background with the YUV color 166.7730, -2.3531,

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

166.7730, -2.3531, 8.0921

Protanopia

165.9680, -1.4632, 2.6591

Deuteranopia

167.2190, -2.0800, 13.8399



Tritanopia

167.5650, 3.1725, 9.1515

Trichromacy



Original Color

166.7730, -2.3531, 8.0921

Protanomaly

166.2780, -1.6161, 5.0182

Deuteranomaly

166.9090, -1.9271, 11.4808

Tritanomaly

167.3970, 1.2833, 8.4218

Monochromacy



Original Color

166.7730, -2.3531, 8.0921

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

167.0820, -1.0264, 2.5591

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.7730, -2.3531, 8.0921 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, 163, 162)` looks like.

```
.text, #text, p{  
    color:rgb(176, 163, 162)  
}
```

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, 163, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 163, 162) }
```

Border

The CSS property to change the border of an element to YUV 166.7730, -2.3531, 8.0921 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, 163, 162) }
```


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

```
.border{ border-color:rgb(176, 163, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 163, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 163, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 163, 162);  
box-shadow:4px 4px 4px 4px rgb(176, 163,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 166.7730, -2.3531, 8.0921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 163, 162) }
```

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

```
.background{ background-color: rgb(176,  
163, 162) }
```

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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