

Converting Colors

YUV(166.2930, 2.3206, 2.3740)

Have a look what the booklet for
YUV(166.2930, 2.3206, 2.3740)
contains.

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Color

**YUV(166.2930, 2.3206,
2.3740)**

Conversions

Conversions Part 1

Format	Color
Hex	A9A4AB
RGB	169, 164, 171
RGB Percent	66%, 64%, 67%
CMY	0.3373, 0.3569, 0.3294
CMYK	0.01, 0.04, 0.00, 0.33
HSL	283°, 4%, 66%
HSV	283°, 4%, 67%
XYZ	36.9883, 37.9262, 43.8991
YIQ	166.2930, 0.7330, 3.2370

Conversions

Conversions Part 2

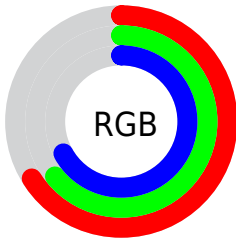
Format	Color
RYB	169, 164, 171
Decimal	11117739
CIELab	67.97, 3.12, -2.98
CIELCh	68, 4.316, 316.314
Yxy	37.9262, 0.3113, 0.3192
Android (android.graphics.Color)	4289307819 (0xFFA9A4AB)
YUV	166.2930, 2.3206, 2.3740
Hunter-Lab	61.5843, -0.5630, 0.8453

Details

The YUV color **166.2930, 2.3206, 2.3740** is a light color, and the websafe version is hex **999999**. A complement of this color would be **168.7070, -2.3206, -2.3740**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.2930, 2.3206, 2.3740**, and **114.2930, 2.3206, 2.3740** is the 20% darker color. If you saturate the color by 10%, you get **154.8190, 7.9772, 8.0517**, and if you desaturate by 10%, it is **177.7670, -3.3361, -3.3037**.

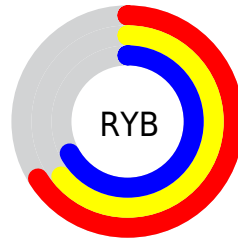
Distribution



Red (66%)

Green (64%)

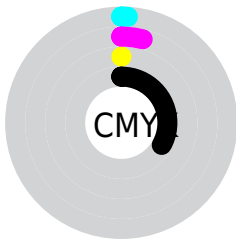
Blue (67%)



Red (66%)

Yellow (64%)

Blue (67%)

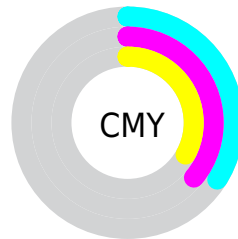


Cyan (1%)

Magenta (4%)

Yellow (0%)

Black (33%)



Cyan (34%)

Magenta (36%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.2930, 2.3206, 2.3740 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 166.2930, 2.3206, 2.3740 by changing the saturation by 10% instead.


 166.2930, 2.3206,
2.3740


 166.2930, 2.3206,
2.3740


255.0000, 0.0000,
0.0000


 140.2930, 2.3206,
2.3740


 221.2930, 2.3206,
2.3740


 114.2930, 2.3206,
2.3740

 249.7060, 2.6099,
2.8888

 89.8800, 2.0312,
1.8592

 66.8800, 2.0312,
1.8592

 44.7660, 1.5944,
1.9592

 23.7660, 1.5944,
1.9592

 0.0000, 0.0000,

0.0000

■ 166.2930, 2.3206,
2.3740

■ 166.2930, 2.3206,
2.3740

■ 154.8190, 7.9772,
8.0517

■ 177.7670, -3.3361,
-3.3037

■ 143.3450, 13.6339,
13.7294

■ 189.2410, -8.9928,
-8.9814

■ 131.8710, 19.2906,
19.4071

■ 200.7150,
-14.6495, -14.6591

■ 120.3970, 24.9473,
25.0848

■ 212.1890,
-20.3062, -20.3368

■ 109.2220, 30.4566,
31.3773

■ 223.3640,
-25.8155, -26.6292

■ 97.1610, 36.4026,
37.5698

■ 228.3810,
-28.2888, -26.6441

■ 85.6870, 42.0593,
43.2475

■ 229.8760,
-29.0259, -23.5703

■ 74.2130, 47.7160,
48.9252

■ 231.3710,
-29.7629, -20.4964

■ 62.7390, 53.3727,
54.6029

■ 232.8660,
-30.4999, -17.4225

Harmonies

Analogous

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



165.6130, 3.6418, -1.4146



166.2930, 2.3206, 2.3740



166.5600, 0.7099, 5.6479

Triad

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



166.2930, 2.3206, 2.3740



165.9960, -3.9420, 4.3885



164.4120, 1.7689, -7.3773

Complementary

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



166.2930, 2.3206, 2.3740



168.7070, -2.3206, -2.3740

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.



164.5540, -0.2731, -5.7479



166.2930, 2.3206, 2.3740



165.3870, -3.6418, 1.4146

Square

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



166.2930, 2.3206, 2.3740



166.5340, -3.2213, 6.5477



164.7070, -2.3206, -2.3740



164.4660, 3.2213, -6.5477

Rectangle

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



166.2930, 2.3206, 2.3740



166.5170, -0.7479, 6.5626



164.7070, -2.3206, -2.3740



164.4830, 0.7479, -6.5626

Sweetspot

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



166.2930, 2.3206, 2.3740



220.5270, 0.7262, 0.4148



165.9720, 2.4788, -1.7294



111.4130, 0.2894, 0.5148



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



166.2930, 2.3206, 2.3740



214.6460, 3.6255, 3.8185



166.7770, 1.5889, 3.7036



82.8800, 2.0312, 1.8592



49.0930, 49.7472, 50.7844



7.4060, 7.6878, 7.5369

Inverse Universe

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



166.3210, -0.1583, 4.1035



214.6310, -0.3111, 6.4626



168.2230, -1.5889, -3.7036



83.0220, -0.0108, 3.4887



49.7520, -3.3287, 87.9175



7.6750, -0.3328, 13.4400

Previews

White Background



This preview shows how the YUV color 166.2930, 2.3206, 2.3740 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 166.2930, 2.3206, 2.3740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

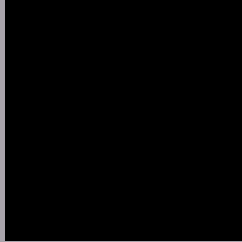
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.2930, 2.3206, 2.3740

Background



This preview shows how black text looks on a background with the YUV color 166.2930, 2.3206, 2.3740.



This preview shows how white text looks on a background with the YUV color 166.2930, 2.3206,

2.3740.

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

166.2930, 2.3206, 2.3740

Protanopia

166.2820, 2.3260, 0.6297

Deuteranopia

167.6360, 2.1515, 9.9662



Tritanopia

166.5750, 4.6465, 3.0037

Trichromacy



Original Color

166.2930, 2.3206, 2.3740

Protanomaly

166.5810, 2.1786, 1.2445

Deuteranomaly

167.0270, 2.4517, 6.9923

Tritanomaly

166.3470, 3.7729, 3.2037

Monochromacy



Original Color

166.2930, 2.3206, 2.3740

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

165.9400, 1.0156, 0.9296

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.2930, 2.3206, 2.3740 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(169, 164, 171)` looks like.

```
.text, #text, p{  
    color:rgb(169, 164, 171)  
}
```

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(169, 164, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 164, 171) }
```

Border

The CSS property to change the border of an element to YUV 166.2930, 2.3206, 2.3740 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(169, 164, 171) }
```


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

```
.border{ border-color:rgb(169, 164, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 164, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 164, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 164, 171);  
box-shadow:4px 4px 4px 4px rgb(169, 164,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 166.2930, 2.3206, 2.3740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 164, 171) }
```

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

```
.background{ background-color: rgb(169,  
164, 171) }
```

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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