

Converting Colors

YUV(164.7200, 11.4770, 5.5076)

Have a look what the booklet for
YUV(164.7200, 11.4770, 5.5076)
contains.

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Color

**YUV(164.7200, 11.4770,
5.5076)**

Conversions

Conversions Part 1

Format	Color
Hex	AB9DBC
RGB	171, 157, 188
RGB Percent	67%, 62%, 74%
CMY	0.3294, 0.3843, 0.2627
CMYK	0.09, 0.16, 0.00, 0.26
HSL	267°, 19%, 68%
HSV	267°, 16%, 74%
XYZ	37.9287, 36.4027, 52.6043
YIQ	164.7200, -1.6070, 12.6090

Conversions

Conversions Part 2

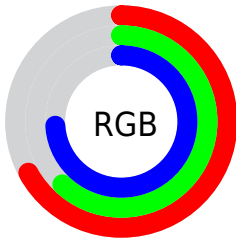
Format	Color
RYB	171, 157, 188
Decimal	11247036
CIELab	66.83, 11.10, -14.13
CIELCh	67, 17.969, 308.155
Yxy	36.4027, 0.2988, 0.2868
Android (android.graphics.Color)	4289437116 (0xFFAB9DBC)
YUV	164.7200, 11.4770, 5.5076
Hunter-Lab	60.3347, 6.6262, -9.4593

Details

The YUV color **164.7200, 11.4770, 5.5076** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **180.2800, -11.4770, -5.5076**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.8340, 11.9138, 5.4076**, and **113.1930, 10.7509, 5.0927** is the 20% darker color. If you saturate the color by 10%, you get **150.5770, 18.4495, 9.1410**, and if you desaturate by 10%, it is **178.8630, 4.5045, 1.8741**.

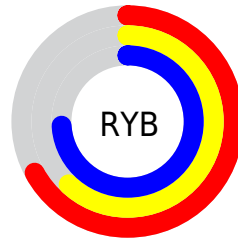
Distribution



Red (67%)

Green (62%)

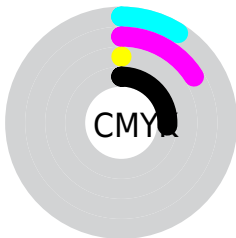
Blue (74%)



Red (67%)

Yellow (62%)

Blue (74%)

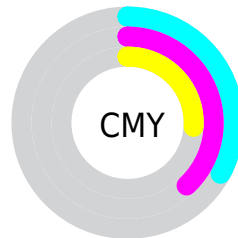


Cyan (9%)

Magenta (16%)

Yellow (0%)

Black (26%)



Cyan (33%)


Magenta (38%)

Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the YUV color 164.7200, 11.4770, 5.5076 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 164.7200, 11.4770, 5.5076 by changing the saturation by 10% instead.


 164.7200, 11.4770,
5.5076


 164.7200, 11.4770,
5.5076


255.0000, 0.0000,
0.0000


 138.3070, 11.1876,
4.9928


 219.8340, 11.9138,
5.4076


 113.1930, 10.7509,
5.0927

 246.1950, 4.3409,
7.7220

 88.6660, 10.0247,
4.6779

 65.2530, 9.7353,
4.1631

 42.8400, 9.4459,
3.6483

 21.7260, 9.0091,
3.7483

 2.7530, 8.0098,

-2.4144

■ 0.0000, 0.0000,
0.0000

■ 164.7200, 11.4770,
5.5076

■ 164.7200, 11.4770,
5.5076

■ 150.5770, 18.4495,
9.1410

■ 178.8630, 4.5045,
1.8741

■ 136.1350, 25.5694,
12.1596

■ 193.3050, -2.6154,
-1.1445

■ 122.5790, 32.2526,
15.2782

■ 206.8610, -9.2985,
-4.2631

■ 108.4360, 39.2251,
18.9116

■ 221.0040,
-16.2710, -7.8965

■ 93.9940, 46.3450,
21.9303

■ 235.4460,
-23.3909, -10.9151

79.8510, 53.3175,
25.5637

240.7840,
-26.0225, -6.8266

65.7080, 60.2900,
29.1971

243.7740,
-27.4966, -0.6788

52.1520, 66.9731,
32.3157

246.7640,
-28.9707, 5.4690

46.8470, 69.5884,
33.4602

247.3620,
-29.2655, 6.6985

Harmonies

Analogous

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



162.0600, 15.7464, -10.5766



164.7200, 11.4770, 5.5076



165.6740, 4.5977, 18.7029

Triad

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



164.7200, 11.4770, 5.5076



163.5220, -15.0473, 19.7132



156.4800, 5.1864, -30.2390

Complementary

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



164.7200, 11.4770, 5.5076



180.2800, -11.4770, -5.5076

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.



157.8420, -3.8661, -20.0324



164.7200, 11.4770, 5.5076



161.7440, -15.1568, 8.1175

Square

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



164.7200, 11.4770, 5.5076



164.4180, -10.5591, 26.8204



159.6820, -11.1822, -6.7371



157.0050, 12.3225, -32.4534

Rectangle

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



164.7200, 11.4770, 5.5076



165.3390, -0.6601, 25.1357



159.6820, -11.1822, -6.7371



156.6930, 2.1234, -27.7948

Sweetspot

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



164.7200, 11.4770, 5.5076



235.8630, 4.5045, 1.8741



170.5130, 8.6211, -11.8509



116.6950, 2.6154, 1.1445



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



164.7200, 11.4770, 5.5076



208.1640, 18.1601, 8.6262



169.2050, 9.2659, 14.7292



87.2220, 3.3416, 1.5593



39.2410, 58.5482, 27.8526



7.7200, 11.4770, 5.5076

Inverse Universe

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



168.2070, 2.8559, 17.3585



213.7290, 4.5706, 27.4247



175.7950, -9.2659, -14.7292



88.2610, 0.8573, 5.0331



57.1600, 14.7111, 88.4367



11.2070, 2.8559, 17.3585

Previews

White Background



This preview shows how the YUV color 164.7200, 11.4770, 5.5076 looks on a white background.

Color Contrast Check

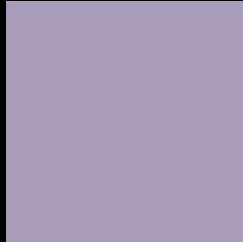
Large Text (above 18pt) WCAG AA × Fail

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 164.7200, 11.4770, 5.5076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

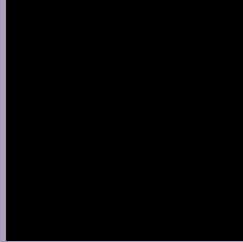
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 164.7200, 11.4770, 5.5076

Background



This preview shows how black text looks on a background with the YUV color 164.7200, 11.4770, 5.5076.



This preview shows how white text looks on a background with the YUV color 164.7200, 11.4770,

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

164.7200, 11.4770, 5.5076

Protanopia

163.2240, 13.6936, -5.4584

Deuteranopia

164.3990, 11.6353, 1.4041



Tritanopia

163.7600, 4.0623, 3.7185

Trichromacy



Original Color

164.7200, 11.4770, 5.5076

Protanomaly

164.0180, 12.8091, -1.7698

Deuteranomaly

164.4100, 11.6299, 3.1484

Tritanomaly

164.1560, 6.8251, 4.2482

Monochromacy



Original Color

164.7200, 11.4770, 5.5076

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

164.7490, 4.0677, 1.9741

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.7200, 11.4770, 5.5076 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(171, 157, 188)` looks like.

```
.text, #text, p{  
    color:rgb(171, 157, 188)  
}
```

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(171, 157, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 157, 188) }
```

Border

The CSS property to change the border of an element to YUV 164.7200, 11.4770, 5.5076 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(171, 157, 188) }
```


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

```
.border{ border-color:rgb(171, 157, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 157, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 157, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 157, 188);  
box-shadow:4px 4px 4px 4px rgb(171, 157,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 164.7200, 11.4770, 5.5076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 157, 188) }
```

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

```
.background{ background-color: rgb(171,  
157, 188) }
```

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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