

Converting Colors

YUV(169.4860, 13.0714, 7.4668)

Have a look what the booklet for
YUV(169.4860, 13.0714, 7.4668)
contains.

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Color

**YUV(169.4860, 13.0714,
7.4668)**

Conversions

Conversions Part 1

Format	Color
Hex	B2A0C4
RGB	178, 160, 196
RGB Percent	70%, 63%, 77%
CMY	0.3020, 0.3725, 0.2314
CMYK	0.09, 0.18, 0.00, 0.23
HSL	270°, 23%, 70%
HSV	270°, 18%, 77%
XYZ	40.8947, 38.5921, 57.5182
YIQ	169.4860, -0.8280, 15.0120

Conversions

Conversions Part 2

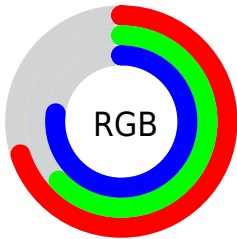
Format	Color
R _Y B	178, 160, 196
Decimal	11706564
CIE Lab	68.45, 13.44, -16.06
CIE LCh	68, 20.944, 309.914
Yxy	38.5921, 0.2985, 0.2817
Android (android.graphics.Color)	4289896644 (0xFFB2A0C4)
YUV	169.4860, 13.0714, 7.4668
Hunter-Lab	62.1225, 8.7905, -11.4098

Details

The YUV color **169.4860, 13.0714, 7.4668** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **186.5140, -13.0714, -7.4668**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.0130, 13.7976, 7.8816**, and **116.9590, 12.3452, 7.0520** is the 20% darker color. If you saturate the color by 10%, you get **154.7560, 20.3333, 11.6150**, and if you desaturate by 10%, it is **184.2160, 5.8095, 3.3186**.

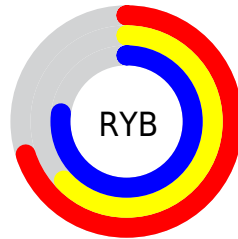
Distribution



Red (70%)

Green (63%)

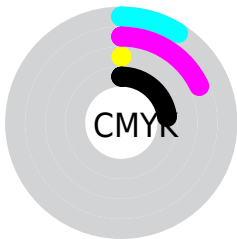
Blue (77%)



Red (70%)

Yellow (63%)

Blue (77%)

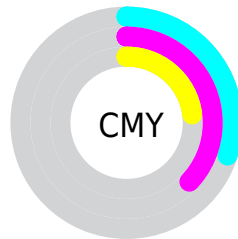


Cyan (9%)

Magenta (18%)

Yellow (0%)

Black (23%)



Cyan (30%)

Magenta (37%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.4860, 13.0714, 7.4668 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 169.4860, 13.0714, 7.4668 by changing the saturation by 10% instead.

■ 169.4860, 13.0714,
7.4668

■ 169.4860, 13.0714,
7.4668

■ 255.0000, 0.0000,
0.0000

■ 143.0730, 12.7820,
6.9520

■ 225.0130, 13.7976,
7.8816

■ 116.9590, 12.3452,
7.0520

■ 247.9560, 3.4727,
6.1776

■ 92.5460, 12.0558,
6.5372

■ 69.0190, 11.3296,
6.1223

■ 46.4920, 10.6034,
5.7075

■ 25.6660, 10.0247,
4.6779

■ 3.4480, 10.6251,

-1.2699

0.0000, 0.0000,
0.0000

169.4860, 13.0714,
7.4668

169.4860, 13.0714,
7.4668

154.7560, 20.3333,
11.6150

184.2160, 5.8095,
3.3186

140.6130, 27.3058,
15.2484

198.3590, -1.1630,
-0.3148

126.1820, 34.4203,
20.0114

212.7900, -8.2775,
-5.0778

112.0390, 41.3928,
23.6448

226.9330,
-15.2500, -8.7112

97.3090, 48.6547,
27.7930

239.9020,
-21.6437, -11.3151

■ 82.5790, 55.9166,
31.9412

■ 242.8920,
-23.1178, -5.1673

■ 68.4360, 62.8891,
35.5746

■ 245.8820,
-24.5918, 0.9805

■ 54.0050, 70.0035,
40.3376

■ 248.2740,
-25.7711, 5.8987

■ 51.6460, 71.1665,
40.6525

Harmonies

Analogous

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



166.4450, 18.5146, -11.7913



169.4860, 13.0714, 7.4668



170.4080, 4.7289, 23.3212

Triad

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



169.4860, 13.0714, 7.4668



167.2620, -17.3842, 22.5722



159.1910, 6.8078, -37.0015

Complementary

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



169.4860, 13.0714, 7.4668



186.5140, -13.0714, -7.4668

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.



161.1080, -3.9972, -24.6507



169.4860, 13.0714, 7.4668



165.7610, -17.6302, 8.1026

Square

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



169.4860, 13.0714, 7.4668



168.8700, -12.7539, 30.8090



163.3290, -12.4872, -8.1815



159.3570, 15.1070, -38.9011

Rectangle

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



169.4860, 13.0714, 7.4668



170.5460, -1.2552, 29.3392



163.3290, -12.4872, -8.1815



159.5890, 3.1606, -33.8426

Sweetspot

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



169.4860, 13.0714, 7.4668



243.8030, 5.5201, 2.8038



174.6700, 10.5157, -12.8656



121.2220, 3.3416, 1.5593



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



169.4860, 13.0714, 7.4668



213.7560, 20.3333, 11.6150



174.8680, 10.4181, 18.5328



89.6350, 3.6309, 2.0741



42.2740, 58.5319, 33.0857



8.8450, 11.9084, 7.1519

Inverse Universe

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



172.8160, 2.5557, 20.3324



218.9360, 3.9756, 31.6281



181.1320, -10.4181, -18.5328



90.5600, 0.7099, 5.6479



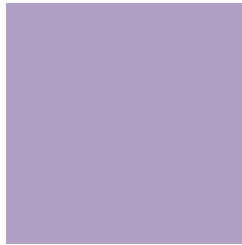
57.2590, 11.2113, 90.9809



11.8050, 2.5611, 18.5880

Previews

White Background



This preview shows how the YUV color 169.4860, 13.0714, 7.4668 looks on a white background.

Color Contrast Check

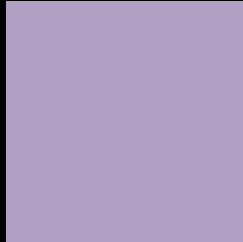
Large Text (above 18pt) WCAG AA × Fail

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 169.4860, 13.0714, 7.4668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

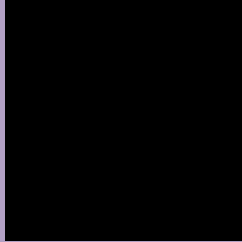
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 169.4860, 13.0714, 7.4668

Background



This preview shows how black text looks on a background with the YUV color 169.4860, 13.0714, 7.4668.



This preview shows how white text looks on a background with the YUV color 169.4860, 13.0714,

7.4668.

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

169.4860, 13.0714, 7.4668

Protanopia

168.0820, 15.7356, -7.0879

Deuteranopia

168.7410, 12.9457, 1.1041



Tritanopia

168.0700, 3.9095, 6.0776

Trichromacy



Original Color

169.4860, 13.0714, 7.4668

Protanomaly

168.8870, 14.8457, -1.6549

Deuteranomaly

169.0510, 12.7929, 3.4633

Tritanomaly

168.5800, 7.1091, 6.5073

Monochromacy



Original Color

169.4860, 13.0714, 7.4668

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

169.2760, 4.7939, 2.3889

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.4860, 13.0714, 7.4668 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(178, 160, 196)` looks like.

```
.text, #text, p{  
    color:rgb(178, 160, 196)  
}
```

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(178, 160, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 160, 196) }
```

Border

The CSS property to change the border of an element to YUV 169.4860, 13.0714, 7.4668 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(178, 160, 196) }
```


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

```
.border{ border-color:rgb(178, 160, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 160, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 160, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 160, 196);  
box-shadow:4px 4px 4px 4px rgb(178, 160,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 169.4860, 13.0714, 7.4668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 160, 196) }
```

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

```
.background{ background-color: rgb(178,  
160, 196) }
```

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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