

Converting Colors

YUV(168.6260, 17.4394, 6.4670)

Have a look what the booklet for
YUV(168.6260, 17.4394, 6.4670)
contains.

YUV(168.6260, 17.4394, 6.4670)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(168.6260, 17.4394,
6.4670)**

Conversions

Conversions Part 1

Format	Color
Hex	B09ECC
RGB	176, 158, 204
RGB Percent	69%, 62%, 80%
CMY	0.3098, 0.3804, 0.2000
CMYK	0.14, 0.23, 0.00, 0.20
HSL	263°, 31%, 71%
HSV	263°, 23%, 80%
XYZ	41.0304, 38.0435, 62.3073
YIQ	168.6260, -4.0380, 18.1220

Conversions

Conversions Part 2

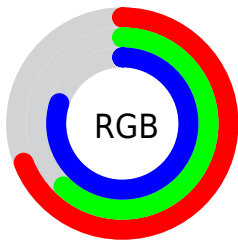
Format	Color
R_{YB}	176, 158, 204
Decimal	11574988
CIE _{Lab}	68.05, 15.59, -21.13
CIE _{LCh}	68, 26.255, 306.424
Yxy	38.0435, 0.2902, 0.2691
Android (android.graphics.Color)	4289765068 (0xFFB09ECC)
YUV	168.6260, 17.4394, 6.4670
Hunter-Lab	61.6794, 10.8031, -16.7181

Details

The YUV color **168.6260, 17.4394, 6.4670** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **193.3740, -17.4394, -6.4670**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.4690, 15.5448, 7.4817**, and **116.6860, 16.4238, 5.5374** is the 20% darker color. If you saturate the color by 10%, you get **153.2980, 24.9961, 9.3857**, and if you desaturate by 10%, it is **183.9540, 9.8827, 3.5483**.

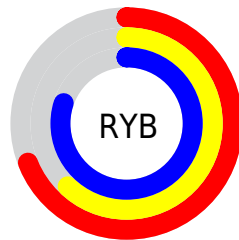
Distribution



Red (69%)

Green (62%)

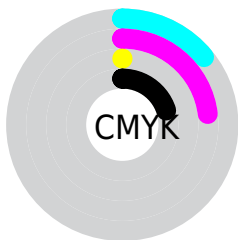
Blue (80%)



Red (69%)

Yellow (62%)

Blue (80%)

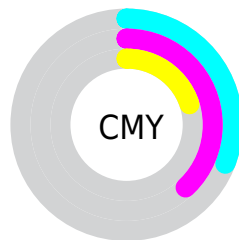


Cyan (14%)

Magenta (23%)

Yellow (0%)

Black (20%)



Cyan (31%)

Magenta (38%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.6260, 17.4394, 6.4670 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 168.6260, 17.4394, 6.4670 by changing the saturation by 10% instead.

■ 168.6260, 17.4394,
6.4670

■ 168.6260, 17.4394,
6.4670

255.0000, 0.0000,
0.0000

■ 142.0990, 16.7132,
6.0522

■ 223.4690, 15.5448,
7.4817

■ 116.6860, 16.4238,
5.5374

■ 246.7820, 4.0515,
7.2072

■ 91.5720, 15.9870,
5.6374

■ 67.7460, 15.4082,
4.6078

■ 45.2190, 14.6820,
4.1929

■ 24.2790, 13.6665,
3.2633

■ 3.5340, 13.5407,

-3.0993

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,
0.0000

■ 168.6260, 17.4394,
6.4670

■ 168.6260, 17.4394,
6.4670

■ 153.2980, 24.9961,
9.3857

■ 183.9540, 9.8827,
3.5483

■ 137.0840, 32.9896,
12.2043

■ 200.1680, 1.8892,
0.7297

■ 121.7560, 40.5463,
15.1230

■ 215.4960, -5.6675,
-2.1890

■ 105.5420, 48.5398,
17.9417

■ 231.7100,
-13.6610, -5.0077

■ 90.2140, 56.0965,
20.8603

■ 244.1030,
-19.7708, -5.3523

■ 74.5870, 63.8006,
23.1642

■ 247.9900,
-21.6871, 2.6398

■ 58.6720, 71.6467,
26.5977

■ 249.1860,
-22.2767, 5.0989

■ 47.1760, 77.3142,
28.7866

Harmonies

Analogous

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



164.4810, 23.9199, -18.8388



168.6260, 17.4394, 6.4670



169.8260, 7.4808, 27.3396

Triad

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



168.6260, 17.4394, 6.4670



166.2690, -21.3316, 28.7051



154.9510, 7.4192, -46.4380

Complementary

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



168.6260, 17.4394, 6.4670



193.3740, -17.4394, -6.4670

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.



157.9180, -5.8756, -28.8691



168.6260, 17.4394, 6.4670



164.2300, -22.2984, 12.0763

Square

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



168.6260, 17.4394, 6.4670



167.8710, -14.2334, 38.7011



161.4770, -16.9972, -8.3113



154.5940, 18.9342, -53.1409

Rectangle

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



168.6260, 17.4394, 6.4670



169.6330, 0.1809, 35.4019



161.4770, -16.9972, -8.3113



155.8330, 3.0403, -41.9495

Sweetspot

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



168.6260, 17.4394, 6.4670



241.1450, 6.8305, 2.5038



179.6800, 11.9898, -19.0134



119.4500, 4.2151, 1.3593



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.



168.6260, 17.4394, 6.4670



201.9390, 26.1591, 9.7005



175.5030, 14.0490, 20.6069



94.3360, 3.7784, 1.4593



38.3590, 62.9270, 23.3642



8.8170, 14.3872, 5.4225

Inverse Universe

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



174.9460, 5.4496, 25.4804



211.4190, 8.1744, 38.2205



186.4970, -14.0490, -20.6069



95.6740, 1.1467, 5.5479



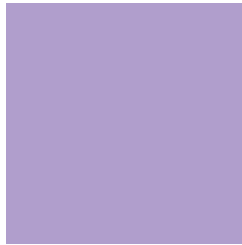
61.1480, 19.6470, 91.9552



13.9840, 4.4449, 21.0620

Previews

White Background



This preview shows how the YUV color 168.6260, 17.4394, 6.4670 looks on a white background.

Color Contrast Check

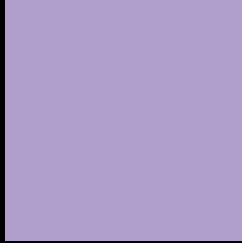
Large Text (above 18pt) WCAG AA × Fail

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 168.6260, 17.4394, 6.4670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

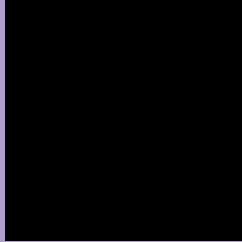
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.6260, 17.4394, 6.4670

Background



This preview shows how black text looks on a background with the YUV color 168.6260, 17.4394, 6.4670.



This preview shows how white text looks on a background with the YUV color 168.6260, 17.4394,

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

168.6260, 17.4394, 6.4670

Protanopia

166.3250, 20.5458, -9.9320

Deuteranopia

166.9730, 17.7613, -3.4843



Tritanopia

166.8740, 4.4991, 3.6185

Trichromacy



Original Color

168.6260, 17.4394, 6.4670

Protanomaly

167.4290, 19.5085, -3.8842

Deuteranomaly

167.8810, 17.3137, 0.1044

Tritanomaly

167.4380, 9.1511, 4.8779

Monochromacy



Original Color

168.6260, 17.4394, 6.4670

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

169.0310, 6.3937, 2.6038

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.6260, 17.4394, 6.4670 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, 158, 204)` looks like.

```
.text, #text, p{  
    color:rgb(176, 158, 204)  
}
```

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, 158, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 158, 204) }
```

Border

The CSS property to change the border of an element to YUV 168.6260, 17.4394, 6.4670 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, 158, 204) }
```


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

```
.border{ border-color:rgb(176, 158, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 158, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 158, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 158, 204);  
box-shadow:4px 4px 4px 4px rgb(176, 158,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 168.6260, 17.4394, 6.4670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 158, 204) }
```

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

```
.background{ background-color: rgb(176,  
158, 204) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor