

Converting Colors

YUV(168.0620, 12.7874, 5.2076)

Have a look what the booklet for
YUV(168.0620, 12.7874, 5.2076)
contains.

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Color

**YUV(168.0620, 12.7874,
5.2076)**

Conversions

Conversions Part 1

Format	Color
Hex	AEA0C2
RGB	174, 160, 194
RGB Percent	68%, 63%, 76%
CMY	0.3176, 0.3725, 0.2392
CMYK	0.10, 0.18, 0.00, 0.24
HSL	265°, 22%, 69%
HSV	265°, 18%, 76%
XYZ	39.7640, 38.0353, 56.2847
YIQ	168.0620, -2.5700, 13.5420

Conversions

Conversions Part 2

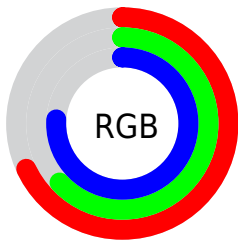
Format	Color
RYB	174, 160, 194
Decimal	11444418
CIELab	68.05, 11.69, -15.60
CIELCh	68, 19.495, 306.830
Yxy	38.0353, 0.2966, 0.2837
Android (android.graphics.Color)	4289634498 (0xFFAEA0C2)
YUV	168.0620, 12.7874, 5.2076
Hunter-Lab	61.6728, 7.1618, -10.9391

Details

The YUV color **168.0620, 12.7874, 5.2076** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **185.9380, -12.7874, -5.2076**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.5890, 13.5136, 5.6224**, and **116.1220, 11.7719, 4.2780** is the 20% darker color. If you saturate the color by 10%, you get **153.6200, 19.9073, 8.2263**, and if you desaturate by 10%, it is **182.5040, 5.6675, 2.1890**.

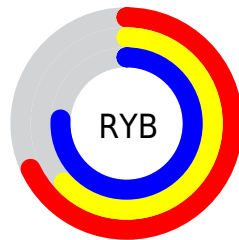
Distribution



Red (68%)

Green (63%)

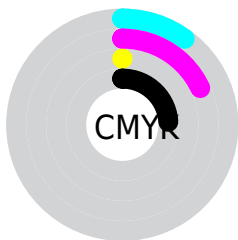
Blue (76%)



Red (68%)

Yellow (63%)

Blue (76%)

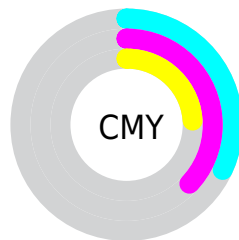


Cyan (10%)

Magenta (18%)

Yellow (0%)

Black (24%)



Cyan (32%)

Magenta (37%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.0620, 12.7874, 5.2076 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 168.0620, 12.7874, 5.2076 by changing the saturation by 10% instead.

■ 168.0620, 12.7874,
5.2076

■ 168.0620, 12.7874,
5.2076

■ 255.0000, 0.0000,
0.0000

■ 141.6490, 12.4980,
4.6928

■ 223.5890, 13.5136,
5.6224

■ 116.1220, 11.7719,
4.2780

■ 247.9560, 3.4727,
6.1776

■ 91.1220, 11.7719,
4.2780

■ 67.5950, 11.0457,
3.8632

■ 45.1820, 10.7563,
3.3484

■ 24.5410, 9.5933,
3.0335

■ 2.7360, 10.4832,

-2.3995

■ 0.0000, 0.0000,
0.0000

■ 168.0620, 12.7874,
5.2076

■ 168.0620, 12.7874,
5.2076

■ 153.6200, 19.9073,
8.2263

■ 182.5040, 5.6675,
2.1890

■ 138.2920, 27.4640,
11.1449

■ 197.8320, -1.8892,
-0.7297

■ 123.8500, 34.5840,
14.1636

■ 212.2740, -9.0091,
-3.7483

■ 108.5220, 42.1407,
17.0822

■ 227.6020,
-16.5658, -6.6670

■ 94.0800, 49.2606,
20.1008

■ 240.8700,
-23.1069, -8.6560

■ 79.6380, 56.3805,
23.1195

■ 244.1590,
-24.7284, -1.8934

■ 64.3100, 63.9372,
26.0381

■ 247.7470,
-26.4973, 5.4839

■ 49.8680, 71.0571,
29.0568

■ 248.0460,
-26.6447, 6.0987

■ 46.0360, 72.9463,
29.7864

Harmonies

Analogous

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



165.3910, 17.0622, -12.6209



168.0620, 12.7874, 5.2076



168.9130, 5.4659, 20.2473

Triad

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



168.0620, 12.7874, 5.2076



166.3050, -15.9264, 21.6575



158.7570, 5.0498, -33.1129

Complementary

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



168.0620, 12.7874, 5.2076



185.9380, -12.7874, -5.2076

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.



160.6030, -4.7343, -21.5768



168.0620, 12.7874, 5.2076



164.7010, -16.6146, 9.0322

Square

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



168.0620, 12.7874, 5.2076



167.7280, -10.7119, 29.1795



162.6390, -12.6400, -5.8224



159.2110, 13.2070, -36.1420

Rectangle

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



168.0620, 12.7874, 5.2076



169.3500, -0.6655, 26.8801



162.6390, -12.6400, -5.8224



159.2690, 1.8394, -30.0539

Sweetspot

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



168.0620, 12.7874, 5.2076



242.8630, 4.5045, 1.8741



175.6160, 9.0633, -13.6952



121.8090, 3.0522, 1.0445



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.



168.0620, 12.7874, 5.2076



211.6200, 19.9073, 8.2263



173.1450, 10.2815, 15.6588



89.3360, 3.7784, 1.4593



38.0880, 60.5956, 24.4788



7.9480, 12.3506, 5.3076

Inverse Universe

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



172.4460, 3.7241, 18.9029



218.4950, 6.1650, 29.3839



180.8550, -10.2815, -15.6588



90.6740, 1.1467, 5.5479



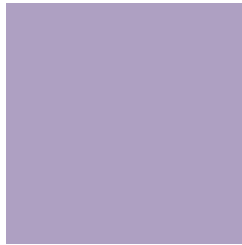
58.8550, 17.3265, 89.5812



12.0330, 3.4347, 18.3881

Previews

White Background



This preview shows how the YUV color 168.0620, 12.7874, 5.2076 looks on a white background.

Color Contrast Check

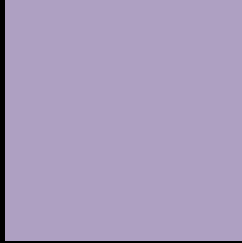
Large Text (above 18pt) WCAG AA × Fail

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 168.0620, 12.7874, 5.2076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

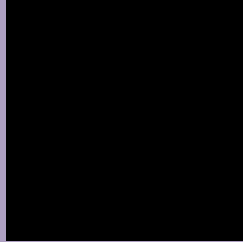
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.0620, 12.7874, 5.2076

Background



This preview shows how black text looks on a background with the YUV color 168.0620, 12.7874, 5.2076.



This preview shows how white text looks on a background with the YUV color 168.0620, 12.7874,

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

168.0620, 12.7874, 5.2076

Protanopia

166.2670, 15.1514, -6.3732

Deuteranopia

167.7410, 12.9457, 1.1041



Tritanopia

166.8740, 4.4991, 3.6185

Trichromacy



Original Color

168.0620, 12.7874, 5.2076

Protanomaly

167.0610, 14.2669, -2.6845

Deuteranomaly

167.7520, 12.9403, 2.8485

Tritanomaly

167.3840, 7.6987, 4.0482

Monochromacy



Original Color

168.0620, 12.7874, 5.2076

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

167.8630, 4.5045, 1.8741

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.0620, 12.7874, 5.2076 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(174, 160, 194)` looks like.

```
.text, #text, p{  
    color:rgb(174, 160, 194)  
}
```

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(174, 160, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 160, 194) }
```

Border

The CSS property to change the border of an element to YUV 168.0620, 12.7874, 5.2076 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(174, 160, 194) }
```


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

```
.border{ border-color:rgb(174, 160, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 160, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 160, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 160, 194);  
box-shadow:4px 4px 4px 4px rgb(174, 160,  
194) }
```

Background

The CSS property to change the background color of an element to YUV 168.0620, 12.7874, 5.2076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 160, 194) }
```

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

```
.background{ background-color: rgb(174,  
160, 194) }
```

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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