

Converting Colors

YUV(168.5780, 10.0680,
-9.2769)

Have a look what the booklet for
YUV(168.5780, 10.0680, -9.2769)
contains.

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Color

**YUV(168.5780, 10.0680,
-9.2769)**

Conversions

Conversions Part 1

Format	Color
Hex	9EAABD
RGB	158, 170, 189
RGB Percent	62%, 67%, 74%
CMY	0.3804, 0.3333, 0.2588
CMYK	0.16, 0.10, 0.00, 0.26
HSL	217°, 19%, 68%
HSV	217°, 16%, 74%
XYZ	37.6606, 39.6927, 53.8206
YIQ	168.5780, -13.2510, 3.3650

Conversions

Conversions Part 2

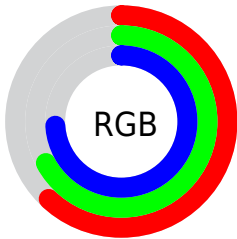
Format	Color
RYB	158, 167, 189
Decimal	10398397
CIELab	69.25, -0.21, -11.15
CIElCh	69, 11.154, 268.897
Yxy	39.6927, 0.2871, 0.3026
Android (android.graphics.Color)	4288588477 (0xFF9EAABD)
YUV	168.5780, 10.0680, -9.2769
Hunter-Lab	63.0021, -3.5523, -6.5480

Details

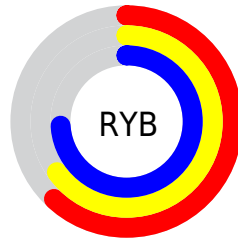
The YUV color **168.5780, 10.0680, -9.2769** is a light color, and the websafe version is hex **999999**. A complement of this color would be **178.4220, -10.0680, 9.2769**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.6920, 10.5048, -9.3769**, and **116.4640, 9.6312, -9.1769** is the 20% darker color. If you saturate the color by 10%, you get **155.8530, 16.3415, -14.7801**, and if you desaturate by 10%, it is **181.3030, 3.7946, -3.7737**.

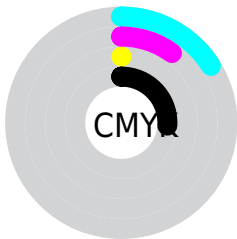
Distribution



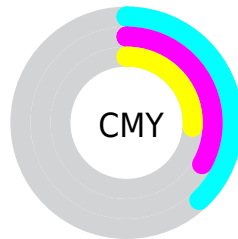
- Red (62%)
- Green (67%)
- Blue (74%)



- Red (62%)
- Yellow (65%)
- Blue (74%)



- Cyan (16%)
- Magenta (10%)
- Yellow (0%)
- Black (26%)



- Cyan (38%)
- Magenta (33%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.5780, 10.0680, -9.2769 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 168.5780, 10.0680, -9.2769 by changing the saturation by 10% instead.

■ 168.5780, 10.0680,
-9.2769

■ 168.5780, 10.0680,
-9.2769

255.0000, 0.0000,
0.0000

■ 142.4640, 9.6312,
-9.1769

■ 223.6920, 10.5048,
-9.3769

■ 116.4640, 9.6312,
-9.1769

■ 250.2270, 2.3531,
-8.0921

■ 91.6490, 9.0470,
-8.4622

■ 68.2360, 8.7577,
-8.9770

■ 46.1220, 8.3209,
-8.8770

■ 25.0080, 7.8841,
-8.7770

■ 2.9810, 8.8834,

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 168.5780, 10.0680,
-9.2769

■ 168.5780, 10.0680,
-9.2769

■ 155.8530, 16.3415,
-14.7801

■ 181.3030, 3.7946,
-3.7737

■ 143.7150, 22.3255,
-20.7981

■ 193.4410, -2.1894,
2.2442

■ 130.9900, 28.5989,
-26.3012

■ 206.1660, -8.4628,
7.7474

■ 118.8520, 34.5830,
-32.3192

■ 218.3040,
-14.4469, 13.7654

■ 106.1270, 40.8564,
-37.8224

■ 230.7300,
-20.5729, 18.6538

■ 93.7010, 46.9824,
-42.7108

■ 238.6710,
-24.4878, 14.3205

■ 81.5630, 52.9664,
-48.7288

■ 245.1280,
-27.6711, 8.6577

■ 68.8380, 59.2399,
-54.2319

■ 247.4760,
-28.8287, 6.5985

■ 64.3970, 61.4293,
-56.4762

Harmonies

Analogous

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



167.0070, 9.3635, -16.6691



168.5780, 10.0680, -9.2769



170.4760, 8.1463, 0.4595

Triad

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



168.5780, 10.0680, -9.2769



171.0300, -5.4378, 17.5137



166.4950, -4.1880, -10.0811

Complementary

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



168.5780, 10.0680, -9.2769



178.4220, -10.0680, 9.2769

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.



167.5240, -8.1463, -0.4595



168.5780, 10.0680, -9.2769



170.0960, -8.9213, 14.8248

Square

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



168.5780, 10.0680, -9.2769



170.9850, -0.4856, 15.7992



168.8240, -9.7732, 8.0474



165.8300, 1.0698, -16.5139

Rectangle

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



168.5780, 10.0680, -9.2769



171.1240, 5.3619, 6.9073



168.8240, -9.7732, 8.0474



166.8760, -5.3619, -6.9073

Sweetspot

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



168.5780, 10.0680, -9.2769



236.7160, 4.0840, -3.2589



178.3630, -0.6720, -17.8584



117.5590, 2.1894, -2.2442



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.



168.5780, 10.0680, -9.2769



212.7390, 15.9047, -14.6801



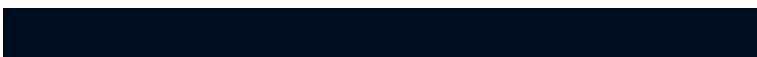
162.4310, 13.0985, -1.2550



88.3740, 2.7736, -2.9590



53.8190, 51.3612, -47.1993



10.5780, 10.0680, -9.2769

Inverse Universe

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



168.6370, 0.6720, 17.8584



212.8170, 1.0762, 28.2245



184.5690, -13.0985, 1.2550



88.1470, 0.4205, 5.1331



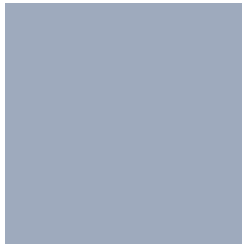
54.1960, 3.3544, 91.0361



10.6370, 0.6720, 17.8584

Previews

White Background



This preview shows how the YUV color 168.5780, 10.0680, -9.2769 looks on a white background.

Color Contrast Check

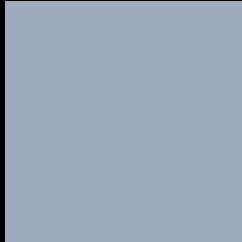
Large Text (above 18pt) WCAG AA × Fail

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 168.5780, 10.0680, -9.2769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

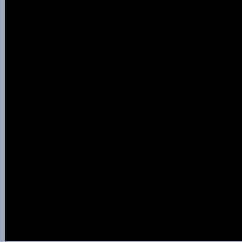
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.5780, 10.0680, -9.2769

Background



This preview shows how black text looks on a background with the YUV color 168.5780, 10.0680, -9.2769.



This preview shows how white text looks on a background with the YUV color 168.5780, 10.0680, -9.2769.

-9.2769.

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

168.5780, 10.0680, -9.2769

Protanopia

169.6820, 9.0308, -3.2291

Deuteranopia

170.2530, 9.7353, 4.1631



Tritanopia

168.2960, 7.7421, -9.9066

Trichromacy



Original Color

168.5780, 10.0680, -9.2769

Protanomaly

169.3720, 9.1836, -5.5882

Deuteranomaly

169.6330, 10.0409, -0.5551

Tritanomaly

168.5240, 8.6157, -10.1065

Monochromacy



Original Color

168.5780, 10.0680, -9.2769

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

168.6020, 3.6472, -3.1590

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.5780, 10.0680, -9.2769 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(158, 170, 189)` looks like.

```
.text, #text, p{  
    color:rgb(158, 170, 189)  
}
```

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(158, 170, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 170, 189) }
```

Border

The CSS property to change the border of an element to YUV 168.5780, 10.0680, -9.2769 is called "border". The border property can be set on classes, ids or directly on the HTML element.

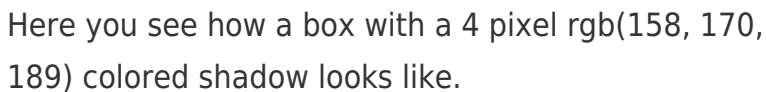
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 170, 189) }
```


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

```
.border{ border-color:rgb(158, 170, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 170, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 170, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 170, 189); box-shadow:4px 4px 4px 4px rgb(158, 170, 189) }
```

Background

The CSS property to change the background color of an element to YUV 168.5780, 10.0680, -9.2769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 170, 189) }
```

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

```
.background{ background-color: rgb(158,  
170, 189) }
```

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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