

Converting Colors

YUV(167.8300, 17.8318,
-26.1609)

Have a look what the booklet for
YUV(167.8300, 17.8318, -26.1609)
contains.

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Color

**YUV(167.8300, 17.8318,
-26.1609)**

Conversions

Conversions Part 1

Format	Color
Hex	8AB0CC
RGB	138, 176, 204
RGB Percent	54%, 69%, 80%
CMY	0.4588, 0.3098, 0.2000
CMYK	0.32, 0.14, 0.00, 0.20
HSL	205°, 39%, 67%
HSV	205°, 32%, 80%
XYZ	36.9056, 40.8136, 63.0594
YIQ	167.8300, -31.6360, 0.6520

Conversions

Conversions Part 2

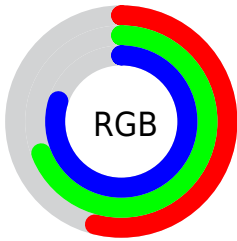
Format	Color
R _{YB}	138, 162, 204
Decimal	9089228
CIE Lab	70.05, -6.11, -18.36
CIE LCh	70, 19.347, 251.583
Yxy	40.8136, 0.2622, 0.2899
Android (android.graphics.Color)	4287279308 (0xFF8AB0CC)
YUV	167.8300, 17.8318, -26.1609
Hunter-Lab	63.8855, -8.6830, -13.8035

Details

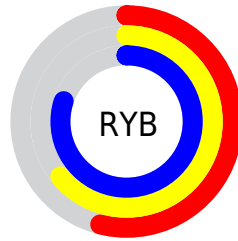
The YUV color $167.8300, 17.8318, -26.1609$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $174.1700, -17.8318, 26.1609$, and the grayscale version is $168.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $222.9610, 15.7952, -26.2758$, and $115.6020, 16.9582, -25.9610$ is the 20% darker color. If you saturate the color by 10%, you get $156.5670, 23.3845, -33.8233$, and if you desaturate by 10%, it is $179.0930, 12.2792, -18.4986$.

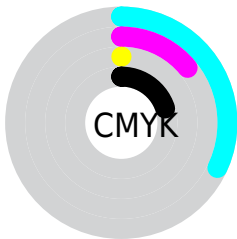
Distribution



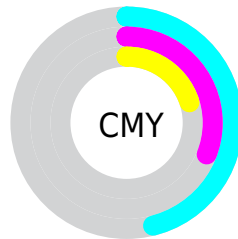
- Red (54%)
- Green (69%)
- Blue (80%)



- Red (54%)
- Yellow (64%)
- Blue (80%)



- Cyan (32%)
- Magenta (14%)
- Yellow (0%)
- Black (20%)



- Cyan (46%)
- Magenta (31%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.8300, 17.8318, -26.1609 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 167.8300, 17.8318, -26.1609 by changing the saturation by 10% instead.

■ 167.8300, 17.8318,
-26.1609

■ 167.8300, 17.8318,
-26.1609

■ 255.0000, 0.0000,
0.0000

■ 140.8300, 17.8318,
-26.1609

■ 222.9610, 15.7952,
-26.2758

■ 115.6020, 16.9582,
-25.9610

■ 244.8340, 5.0118,
-20.9024

■ 90.1890, 16.6688,
-26.4758

■ 253.5050, 0.7370,
-3.0739

■ 65.4770, 16.5268,
-27.6053

■ 39.3730, 17.5641,
-33.6531

■ 24.1250, 13.7424,
-21.1576

■ 4.7080, 12.9620,

-4.1289

■ 0.3420, 1.3104,
-0.2999

■ 0.0000, 0.0000,
0.0000

■ 167.8300, 17.8318,
-26.1609

■ 167.8300, 17.8318,
-26.1609

■ 156.5670, 23.3845,
-33.8233

■ 179.0930, 12.2792,
-18.4986

■ 145.5920, 28.7951,
-42.6152

■ 190.0680, 6.8685,
-9.7066

■ 134.3290, 34.3478,
-50.2775

■ 201.3310, 1.3158,
-2.0443

■ 122.7670, 40.0479,
-58.5547

■ 212.8930, -4.3842,
6.2328

■ 112.0910, 45.3111,
-66.7318

■ 223.5690, -9.6475,
14.4100

■ 100.8280, 50.8638,
-74.3942

■ 233.3370,
-14.4631, 18.9985

■ 91.9350, 55.2480,
-80.6270

■ 238.6200,
-17.0677, 14.3653

■ 243.3160,
-19.3828, 10.2469

■ 248.5990,
-21.9873, 5.6137

Harmonies

Analogous

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



165.1510, 14.2226, -35.2124



167.8300, 17.8318, -26.1609



171.0000, 16.7620, -9.6470

Triad

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



167.8300, 17.8318, -26.1609



174.3350, -4.6022, 29.5242



167.6710, -11.1768, -8.4815

Complementary

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



167.8300, 17.8318, -26.1609



174.1700, -17.8318, 26.1609

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.



169.8040, -16.1724, 7.1879



167.8300, 17.8318, -26.1609



172.7880, -11.7275, 28.2499

Square

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



167.8300, 17.8318, -26.1609



174.5820, 4.1501, 22.2916



171.4790, -16.5051, 20.6279



165.4610, -2.6923, -23.2063

Rectangle

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



167.8300, 17.8318, -26.1609



172.9800, 13.8139, 2.6485



171.4790, -16.5051, 20.6279



168.7210, -13.6665, -3.2633

Sweetspot

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



167.8300, 17.8318, -26.1609



241.0680, 6.8685, -9.7066



179.9340, -6.8695, -36.7761



119.1070, 4.3842, -6.2328



0.0000, 0.0000, 0.0000



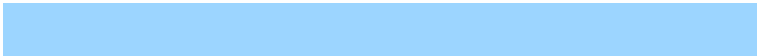
128.0000, 0.0000, 0.0000

Same Dimension

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



167.8300, 17.8318, -26.1609



200.7450, 26.7477, -39.2414



148.4590, 27.3817, -9.1725



96.6620, 2.6316, -4.0886



74.6890, 45.0163, -65.5023



17.2460, 10.2317, -15.1247

Inverse Universe

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



162.0660, 6.8695, 36.7761



192.0990, 10.3042, 55.1642



193.5410, -27.3817, 9.1725



95.6740, 1.1467, 5.5479



60.4640, 17.0262, 92.5551



13.8700, 4.0081, 21.1620

Previews

White Background



This preview shows how the YUV color 167.8300, 17.8318, -26.1609 looks on a white background.

Color Contrast Check

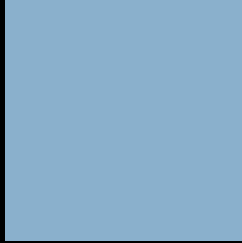
Large Text (above 18pt) WCAG AA × Fail

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 167.8300, 17.8318, -26.1609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

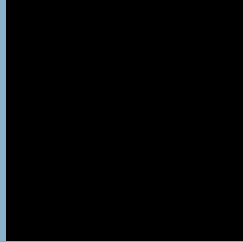
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 167.8300, 17.8318, -26.1609

Background



This preview shows how black text looks on a background with the YUV color 167.8300, 17.8318, -26.1609.



This preview shows how white text looks on a background with the YUV color 167.8300, 17.8318, -26.1609.

-26.1609.

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

167.8300, 17.8318, -26.1609

Protanopia

171.3380, 14.1304, -5.5584

Deuteranopia

172.3430, 16.5929, -2.0548



Tritanopia

166.7390, 12.4537, -27.8351

Trichromacy



Original Color

167.8300, 17.8318, -26.1609

Protanomaly

170.2230, 15.1731, -13.3506

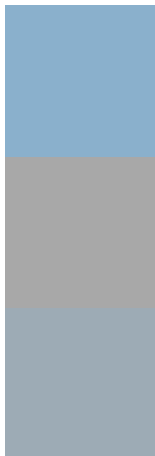
Deuteranomaly

170.4020, 17.0568, -10.8766

Tritanomaly

166.9070, 14.3428, -27.1054

Monochromacy



Original Color

167.8300, 17.8318, -26.1609

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

167.9540, 6.4317, -9.6067

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.8300, 17.8318, -26.1609 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(138, 176, 204)` looks like.

```
.text, #text, p{  
    color:rgb(138, 176, 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(138, 176, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 176, 204) }
```

Border

The CSS property to change the border of an element to YUV 167.8300, 17.8318, -26.1609 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(138, 176, 204) }
```


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

```
.border{ border-color:rgb(138, 176, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 176, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 176, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 176, 204);  
box-shadow:4px 4px 4px 4px rgb(138, 176,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 167.8300, 17.8318, -26.1609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 176, 204) }
```

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

```
.background{ background-color: rgb(138,  
176, 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](#).

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