

Converting Colors

YUV(170.0470, 18.7108,
-28.1052)

Have a look what the booklet for
YUV(170.0470, 18.7108, -28.1052)
contains.

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Color

**YUV(170.0470, 18.7108,
-28.1052)**

Conversions

Conversions Part 1

Format	Color
Hex	8AB3D0
RGB	138, 179, 208
RGB Percent	54%, 70%, 82%
CMY	0.4588, 0.2980, 0.1843
CMYK	0.34, 0.14, 0.00, 0.18
HSL	205°, 43%, 68%
HSV	205°, 34%, 82%
XYZ	37.9865, 42.1975, 65.8173
YIQ	170.0470, -33.7450, 0.3270

Conversions

Conversions Part 2

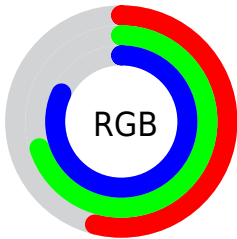
Format	Color
RYB	138, 164, 208
Decimal	9090000
CIELab	71.01, -6.73, -19.09
CIElCh	71, 20.245, 250.581
Yxy	42.1975, 0.2602, 0.2890
Android (android.graphics.Color)	4287280080 (0xFF8AB3D0)
YUV	170.0470, 18.7108, -28.1052
Hunter-Lab	64.9596, -9.2978, -14.6011

Details

The YUV color **170.0470, 18.7108, -28.1052** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **175.9530, -18.7108, 28.1052**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.7220, 14.9271, -27.8202**, and **116.9330, 18.2740, -28.0052** is the 20% darker color. If you saturate the color by 10%, you get **158.4850, 24.4109, -36.3823**, and if you desaturate by 10%, it is **181.6090, 13.0108, -19.8281**.

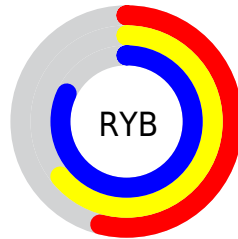
Distribution



Red (54%)

Green (70%)

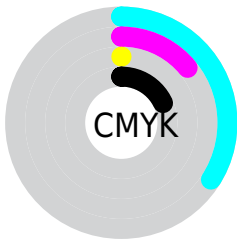
Blue (82%)



Red (54%)

Yellow (64%)

Blue (82%)

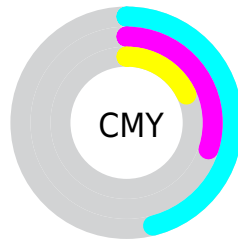


Cyan (34%)

Magenta (14%)

Yellow (0%)

Black (18%)



Cyan (46%)

Magenta (30%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.0470, 18.7108, -28.1052 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 170.0470, 18.7108, -28.1052 by changing the saturation by 10% instead.

■ 170.0470, 18.7108,
-28.1052

■ 170.0470, 18.7108,
-28.1052

■ 255.0000, 0.0000,
0.0000

■ 142.9330, 18.2740,
-28.0052

■ 224.7220, 14.9271,
-27.8202

■ 116.9330, 18.2740,
-28.0052

■ 245.1330, 4.8644,
-20.2876

■ 91.5200, 17.9846,
-28.5200

■ 253.8040, 0.5896,
-2.4591

■ 66.3950, 17.5533,
-30.1644

■ 41.1770, 18.1537,
-36.1122

■ 25.6410, 14.4740,
-22.4872

■ 9.1590, 12.2466,

-8.0324

■ 1.0260, 3.9312,
-0.8998

■ 0.0000, 0.0000,
0.0000

■ 170.0470, 18.7108,
-28.1052

■ 170.0470, 18.7108,
-28.1052

■ 158.4850, 24.4109,
-36.3823

■ 181.6090, 13.0108,
-19.8281

■ 147.5100, 29.8216,
-45.1743

■ 192.5840, 7.6001,
-11.0362

■ 136.2470, 35.3742,
-52.8366

■ 203.8470, 2.0474,
-3.3738

■ 125.2720, 40.7849,
-61.6285

■ 214.8220, -3.3632,
5.4181

■ 113.7100, 46.4850,
-69.9057

■ 226.3840, -9.0633,
13.6952

■ 102.1480, 52.1850,
-78.1828

■ 235.5540,
-13.5841, 17.0541

■ 95.3260, 55.5483,
-83.6009

■ 240.2500,
-15.8992, 12.9358

■ 245.5330,
-18.5038, 8.3026

■ 249.6420,
-20.5295, 4.6990

Harmonies

Analogous

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



166.9550, 14.8122, -37.6715



170.0470, 18.7108, -28.1052



173.6300, 17.9304, -11.0765

Triad

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



170.0470, 18.7108, -28.1052



177.0470, -4.4602, 30.6538



170.0300, -12.3398, -8.7963

Complementary

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



170.0470, 18.7108, -28.1052



175.9530, -18.7108, 28.1052

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.



172.5760, -17.0460, 7.3878



170.0470, 18.7108, -28.1052



175.6850, -12.1697, 30.0943

Square

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



170.0470, 18.7108, -28.1052



176.9950, 4.4395, 22.8064



174.6640, -17.0894, 21.3427



167.6350, -3.2711, -24.2359

Rectangle

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



170.0470, 18.7108, -28.1052



175.7950, 14.3981, 1.9338



174.6640, -17.0894, 21.3427



170.6070, -14.1033, -3.1633

Sweetspot

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



170.0470, 18.7108, -28.1052



241.0680, 6.8685, -9.7066



182.2820, -8.0270, -38.8353



119.1070, 4.3842, -6.2328



0.0000, 0.0000, 0.0000



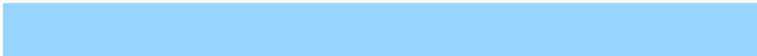
128.0000, 0.0000, 0.0000

Same Dimension

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



170.0470, 18.7108, -28.1052



199.8480, 27.1899, -41.0857



150.0890, 28.5501, -10.6021



98.7760, 3.0684, -4.1886



77.2650, 44.7324, -67.7614



18.7620, 10.9633, -16.4543

Inverse Universe

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



163.6040, 7.5902, 38.9353



190.3380, 11.1724, 56.7086



195.9110, -28.5501, 10.6021



97.9730, 0.9993, 6.1627



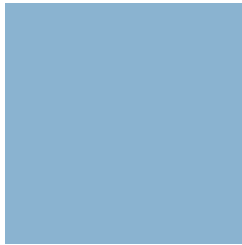
61.5180, 18.4786, 93.3847



14.9950, 4.4395, 22.8064

Previews

White Background



This preview shows how the YUV color 170.0470, 18.7108, -28.1052 looks on a white background.

Color Contrast Check

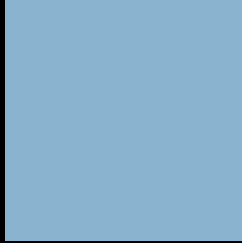
Large Text (above 18pt) WCAG AA × Fail

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 170.0470, 18.7108, -28.1052 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

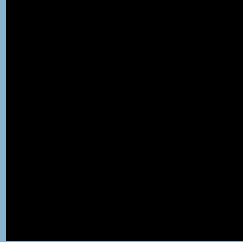
Any Text WCAG AA ✓ Pass

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 170.0470, 18.7108, -28.1052 Background



This preview shows how black text looks on a background with the YUV color 170.0470, 18.7108, -28.1052.



This preview shows how white text looks on a background with the YUV color 170.0470, 18.7108,

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

170.0470, 18.7108, -28.1052

Protanopia

174.0390, 14.2778, -6.1732

Deuteranopia

175.1580, 17.1771, -2.7696



Tritanopia

168.9560, 13.3327, -29.7794

Trichromacy



Original Color

170.0470, 18.7108, -28.1052

Protanomaly

172.7390, 15.9047, -14.6801

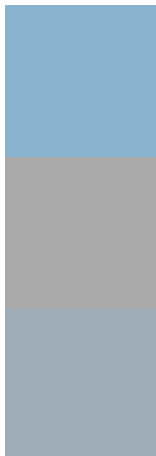
Deuteranomaly

173.2170, 17.6410, -11.5913

Tritanomaly

169.1240, 15.2219, -29.0497

Monochromacy



Original Color

170.0470, 18.7108, -28.1052

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

169.7690, 7.0159, -10.3214

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.0470, 18.7108, -28.1052 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, 179, 208)` looks like.

```
.text, #text, p{  
    color:rgb(138, 179, 208)  
}
```

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, 179, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 179, 208) }
```

Border

The CSS property to change the border of an element to YUV 170.0470, 18.7108, -28.1052 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, 179, 208) }
```


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

```
.border{ border-color:rgb(138, 179, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 179, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 179, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 179, 208);  
box-shadow:4px 4px 4px 4px rgb(138, 179,  
208) }
```

Background

The CSS property to change the background color of an element to YUV 170.0470, 18.7108, -28.1052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 179, 208) }
```

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

```
.background{ background-color: rgb(138,  
179, 208) }
```

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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