

Converting Colors

YUV(178.4670, 15.0528,
-21.4576)

Have a look what the booklet for
YUV(178.4670, 15.0528, -21.4576)
contains.

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Color

**YUV(178.4670, 15.0528,
-21.4576)**

Conversions

Conversions Part 1

Format	Color
Hex	9AB9D1
RGB	154, 185, 209
RGB Percent	60%, 73%, 82%
CMY	0.3961, 0.2745, 0.1804
CMYK	0.26, 0.11, 0.00, 0.18
HSL	206°, 37%, 71%
HSV	206°, 26%, 82%
XYZ	42.1840, 46.1714, 67.0102
YIQ	178.4670, -26.1800, 0.8920

Conversions

Conversions Part 2

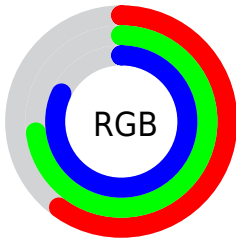
Format	Color
RYB	154, 174, 209
Decimal	10140113
CIELab	73.66, -5.06, -15.54
CIELCh	74, 16.343, 251.973
Yxy	46.1714, 0.2715, 0.2972
Android (android.graphics.Color)	4288330193 (0xFF9AB9D1)
YUV	178.4670, 15.0528, -21.4576
Hunter-Lab	67.9495, -8.0964, -10.9057

Details

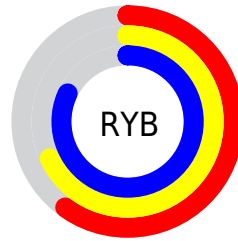
The YUV color $178.4670, 15.0528, -21.4576$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $184.5330, -15.0528, 21.4576$, and the grayscale version is $178.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $233.0280, 10.8322, -21.0726$, and $125.6520, 14.4686, -20.7428$ is the 20% darker color. If you saturate the color by 10%, you get $166.9050, 20.7528, -29.7347$, and if you desaturate by 10%, it is $190.0290, 9.3527, -13.1804$.

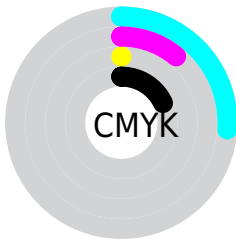
Distribution



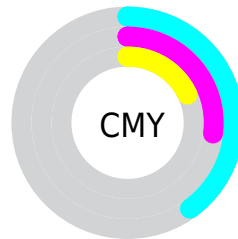
- Red (60%)
- Green (73%)
- Blue (82%)



- Red (60%)
- Yellow (68%)
- Blue (82%)



- Cyan (26%)
- Magenta (11%)
- Yellow (0%)
- Black (18%)



- Cyan (40%)
- Magenta (27%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.4670, 15.0528, -21.4576 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 178.4670, 15.0528, -21.4576 by changing the saturation by 10% instead.

■ 178.4670, 15.0528,
-21.4576

■ 178.4670, 15.0528,
-21.4576

255.0000, 0.0000,
0.0000

■ 151.3530, 14.6160,
-21.3576

■ 233.0280, 10.8322,
-21.0726

■ 125.6520, 14.4686,
-20.7428

■ 249.9170, 2.5059,
-10.4512

■ 100.2390, 14.1792,
-21.2576

■ 76.0110, 13.3056,
-21.0576

■ 52.2990, 13.1636,
-22.1872

■ 28.6900, 13.4638,
-25.1611

■ 13.9690, 10.3683,

-12.2508

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,
0.0000

■ 178.4670, 15.0528,
-21.4576

■ 178.4670, 15.0528,
-21.4576

■ 166.9050, 20.7528,
-29.7347

■ 190.0290, 9.3527,
-13.1804

■ 155.3430, 26.4529,
-38.0118

■ 201.5910, 3.6526,
-4.9033

■ 143.7810, 32.1530,
-46.2889

■ 213.1530, -2.0474,
3.3738

■ 132.2190, 37.8530,
-54.5661

■ 224.7150, -7.7475,
11.6509

■ 120.0700, 43.8425,
-62.3284

■ 235.6680,
-13.1473, 16.9542

■ 108.8070, 49.3951,
-69.9907

■ 240.9510,
-15.7518, 12.3210

■ 97.2450, 55.0952,
-78.2679

■ 246.2340,
-18.3564, 7.6878

■ 93.0920, 57.1426,
-81.6417

■ 249.7560,
-20.0927, 4.5990

Harmonies

Analogous

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



175.9130, 11.8749, -28.8647



178.4670, 15.0528, -21.4576



181.0280, 14.2832, -7.9176

Triad

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



178.4670, 15.0528, -21.4576



183.7150, -4.2965, 24.8059



177.7250, -9.7244, -7.6518

Complementary

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



178.4670, 15.0528, -21.4576



184.5330, -15.0528, 21.4576

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.



180.0750, -13.8410, 6.0732



178.4670, 15.0528, -21.4576



183.1080, -10.4062, 24.4613

Square

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



178.4670, 15.0528, -21.4576



184.3320, 3.2873, 19.0028



181.4400, -14.0209, 17.1541



176.1840, -2.5557, -20.3324

Rectangle

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



178.4670, 15.0528, -21.4576



182.6980, 11.4879, 2.0189



181.4400, -14.0209, 17.1541



178.5900, -11.6299, -3.1484

Sweetspot

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



178.4670, 15.0528, -21.4576



243.7370, 5.5527, -7.6623



189.0210, -5.4334, -30.7134



120.5910, 3.6526, -4.9033



0.0000, 0.0000, 0.0000



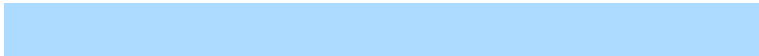
128.0000, 0.0000, 0.0000

Same Dimension

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



178.4670, 15.0528, -21.4576



209.3500, 22.5055, -31.8789



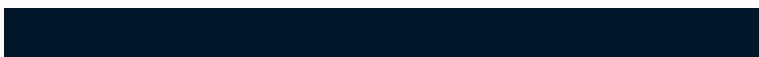
162.6180, 22.8663, -7.5580



98.7760, 3.0684, -4.1886



74.9170, 45.8899, -65.7022



18.1750, 11.2527, -15.9395

Inverse Universe

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



173.9790, 5.4334, 30.7134



202.7620, 8.0053, 45.8127



200.3820, -22.8663, 7.5580



97.9730, 0.9993, 6.1627



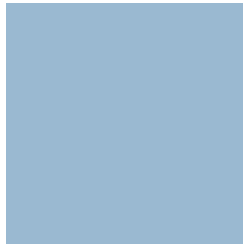
61.0620, 16.7314, 93.7846



14.8810, 4.0027, 22.9064

Previews

White Background



This preview shows how the YUV color 178.4670, 15.0528, -21.4576 looks on a white background.

Color Contrast Check

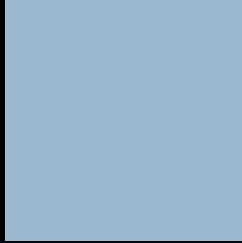
Large Text (above 18pt) WCAG AA × Fail

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 178.4670, 15.0528, -21.4576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

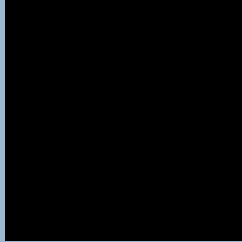
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

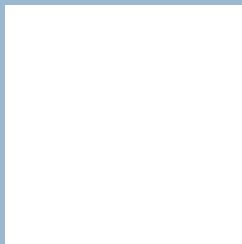
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 178.4670, 15.0528, -21.4576

Background



This preview shows how black text looks on a background with the YUV color 178.4670, 15.0528, -21.4576.



This preview shows how white text looks on a background with the YUV color 178.4670, 15.0528, -21.4576.

-21.4576.

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

178.4670, 15.0528, -21.4576

Protanopia

181.0670, 11.7990, -4.4438

Deuteranopia

182.3820, 14.1087, 1.4190



Tritanopia

177.5440, 11.5638, -22.4021

Trichromacy



Original Color

178.4670, 15.0528, -21.4576

Protanomaly

179.9630, 12.8362, -10.4916

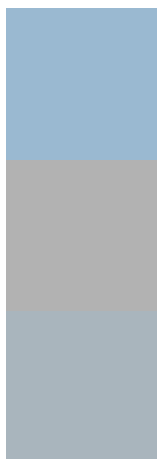
Deuteranomaly

180.7400, 14.4252, -6.7880

Tritanomaly

178.1850, 12.7268, -22.0872

Monochromacy



Original Color

178.4670, 15.0528, -21.4576

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

178.3240, 5.2633, -8.1771

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.4670, 15.0528, -21.4576 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(154, 185, 209)` looks like.

```
.text, #text, p{  
    color:rgb(154, 185, 209)  
}
```

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(154, 185, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 185, 209) }
```

Border

The CSS property to change the border of an element to YUV 178.4670, 15.0528, -21.4576 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(154, 185, 209) }
```


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

```
.border{ border-color:rgb(154, 185, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 185, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 185, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 185, 209);  
box-shadow:4px 4px 4px 4px rgb(154, 185,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 178.4670, 15.0528, -21.4576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 185, 209) }
```

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

```
.background{ background-color: rgb(154,  
185, 209) }
```

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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