

Converting Colors

YUV(172.6290, 19.4099,
-18.9686)

Have a look what the booklet for
YUV(172.6290, 19.4099, -18.9686)
contains.

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Color

**YUV(172.6290, 19.4099,
-18.9686)**

Conversions

Conversions Part 1

Format	Color
Hex	97B0D4
RGB	151, 176, 212
RGB Percent	59%, 69%, 83%
CMY	0.4078, 0.3098, 0.1686
CMYK	0.29, 0.17, 0.00, 0.17
HSL	215°, 41%, 71%
HSV	215°, 29%, 83%
XYZ	40.1715, 42.3834, 68.3509
YIQ	172.6290, -26.4560, 5.8960

Conversions

Conversions Part 2

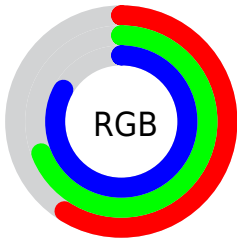
Format	Color
RYB	151, 169, 212
Decimal	9941204
CIELab	71.13, -0.35, -21.02
CIELCh	71, 21.019, 269.044
Yxy	42.3834, 0.2662, 0.2809
Android (android.graphics.Color)	4288131284 (0xFF97B0D4)
YUV	172.6290, 19.4099, -18.9686
Hunter-Lab	65.1026, -3.7862, -16.6765

Details

The YUV color **172.6290, 19.4099, -18.9686** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **190.3710, -19.4099, 18.9686**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.8480, 13.8789, -18.2837**, and **119.9880, 18.2469, -19.2835** is the 20% darker color. If you saturate the color by 10%, you get **158.7190, 26.2675, -25.1866**, and if you desaturate by 10%, it is **186.5390, 12.5523, -12.7507**.

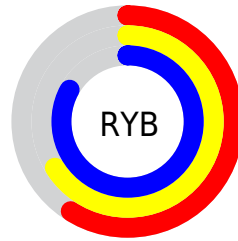
Distribution



Red (59%)

Green (69%)

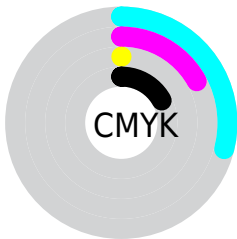
Blue (83%)



Red (59%)

Yellow (66%)

Blue (83%)

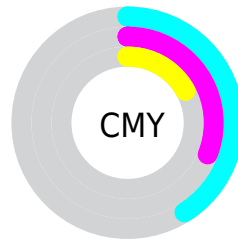


Cyan (29%)

Magenta (17%)

Yellow (0%)

Black (17%)



Cyan (41%)

Magenta (31%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.6290, 19.4099, -18.9686 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 172.6290, 19.4099, -18.9686 by changing the saturation by 10% instead.

■ 172.6290, 19.4099,
-18.9686

■ 172.6290, 19.4099,
-18.9686

255.0000, 0.0000,
0.0000

■ 145.5150, 18.9731,
-18.8687

■ 226.8480, 13.8789,
-18.2837

■ 119.9880, 18.2469,
-19.2835

■ 249.0200, 2.9481,
-12.2955

■ 94.8740, 17.8101,
-19.1835

■ 70.4610, 17.5207,
-19.6983

■ 47.0370, 17.2368,
-21.9574

■ 25.3960, 16.0738,
-22.2723

■ 8.3270, 14.1358,

-7.3028

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,
0.0000

■ 172.6290, 19.4099,
-18.9686

■ 172.6290, 19.4099,
-18.9686

■ 158.7190, 26.2675,
-25.1866

■ 186.5390, 12.5523,
-12.7507

■ 145.3960, 32.8358,
-31.9193

■ 199.8620, 5.9840,
-6.0180

■ 131.1870, 39.8408,
-38.7520

■ 214.0710, -1.0210,
0.8147

■ 117.8640, 46.4090,
-45.4847

■ 227.3940, -7.5892,
7.5475

■ 103.9540, 53.2667,
-51.7027

■ 240.7060,
-14.1521, 12.5358

■ 90.6310, 59.8349,
-58.4354

■ 247.7500,
-17.6247, 6.3582

■ 76.7210, 66.6925,
-64.6533

■ 250.0980,
-18.7823, 4.2991

■ 75.2370, 67.4242,
-65.9828

Harmonies

Analogous

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



168.3020, 18.5851, -34.4679



172.6290, 19.4099, -18.9686



175.8380, 15.8559, 1.0191

Triad

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



172.6290, 19.4099, -18.9686



176.5650, -10.1385, 31.9535



168.9300, -7.3605, -19.2326

Complementary

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



172.6290, 19.4099, -18.9686



190.3710, -19.4099, 18.9686

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.



171.5640, -15.5611, -2.2486



172.6290, 19.4099, -18.9686



174.9250, -16.2320, 26.3758

Square

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



172.6290, 19.4099, -18.9686



177.5460, -1.2552, 29.3392



173.5660, -18.5200, 13.5356



166.8880, 3.0132, -33.2278

Rectangle

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



172.6290, 19.4099, -18.9686



176.9490, 10.8711, 13.1997



173.5660, -18.5200, 13.5356



169.8660, -10.2869, -13.9145

Sweetspot

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



172.6290, 19.4099, -18.9686



239.9050, 7.4418, -6.9327



190.9110, -1.9281, -35.0019



118.2320, 4.8156, -4.5885



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.



172.6290, 19.4099, -18.9686



197.2780, 28.4569, -27.4308



159.4490, 25.9076, -3.0248



100.1890, 3.3578, -3.6738



60.5840, 54.4351, -53.1322



15.4680, 13.5733, -13.5654

Inverse Universe

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



172.0890, 1.9281, 35.0019



196.7150, 2.6055, 51.1159



203.5510, -25.9076, 3.0248



99.8590, 0.5625, 6.2627



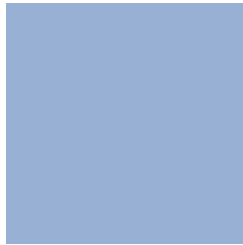
59.1090, 5.3693, 98.1284



14.9090, 1.5239, 24.6358

Previews

White Background



This preview shows how the YUV color 172.6290, 19.4099, -18.9686 looks on a white background.

Color Contrast Check

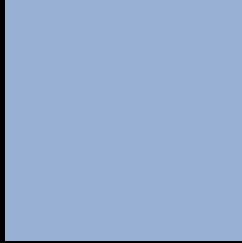
Large Text (above 18pt) WCAG AA × Fail

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 172.6290, 19.4099, -18.9686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

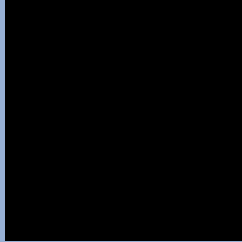
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.6290, 19.4099, -18.9686

Background



This preview shows how black text looks on a background with the YUV color 172.6290, 19.4099, -18.9686.



This preview shows how white text looks on a background with the YUV color 172.6290, 19.4099, -18.9686.

-18.9686.

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

172.6290, 19.4099, -18.9686

Protanopia

174.4240, 17.0460, -7.3878

Deuteranopia

175.2010, 18.6349, -3.6843



Tritanopia

171.1420, 11.2690, -21.1725

Trichromacy



Original Color

172.6290, 19.4099, -18.9686

Protanomaly

173.6300, 17.9304, -11.0765

Deuteranomaly

174.2820, 19.0880, -9.0173

Tritanomaly

171.6520, 14.4686, -20.7428

Monochromacy



Original Color

172.6290, 19.4099, -18.9686

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

172.7910, 7.0050, -6.8327

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.6290, 19.4099, -18.9686 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(151, 176, 212)` looks like.

```
.text, #text, p{  
    color:rgb(151, 176, 212)  
}
```

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(151, 176, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 176, 212) }
```

Border

The CSS property to change the border of an element to YUV 172.6290, 19.4099, -18.9686 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(151, 176, 212) }
```


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

```
.border{ border-color:rgb(151, 176, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 176, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 176, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 176, 212);  
box-shadow:4px 4px 4px 4px rgb(151, 176,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 172.6290, 19.4099, -18.9686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 176, 212) }
```

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

```
.background{ background-color: rgb(151,  
176, 212) }
```

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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