

Converting Colors

YUV(178.4650, 21.4628,
-24.0868)

Have a look what the booklet for
YUV(178.4650, 21.4628, -24.0868)
contains.

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Color

**YUV(178.4650, 21.4628,
-24.0868)**

Conversions

Conversions Part 1

Format	Color
Hex	97B8DE
RGB	151, 184, 222
RGB Percent	59%, 72%, 87%
CMY	0.4078, 0.2784, 0.1294
CMYK	0.32, 0.17, 0.00, 0.13
HSL	212°, 52%, 73%
HSV	212°, 32%, 87%
XYZ	43.0878, 46.1342, 75.7411
YIQ	178.4650, -31.8660, 4.8220

Conversions

Conversions Part 2

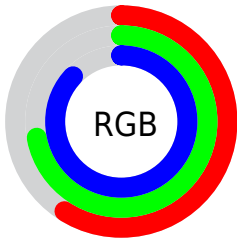
Format	Color
RYB	151, 174, 222
Decimal	9943262
CIELab	73.63, -2.25, -22.67
CIELCh	74, 22.782, 264.334
Yxy	46.1342, 0.2612, 0.2797
Android (android.graphics.Color)	4288133342 (0xFF97B8DE)
YUV	178.4650, 21.4628, -24.0868
Hunter-Lab	67.9222, -5.6287, -18.5697

Details

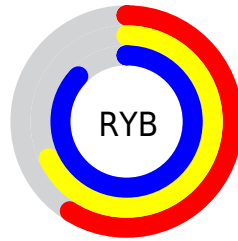
The YUV color **178.4650, 21.4628, -24.0868** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **194.5350, -21.4628, 24.0868**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.8430, 11.4164, -21.7873**, and **125.2370, 20.5892, -23.8868** is the 20% darker color. If you saturate the color by 10%, you get **164.8430, 28.1784, -31.4343**, and if you desaturate by 10%, it is **192.0870, 14.7471, -16.7393**.

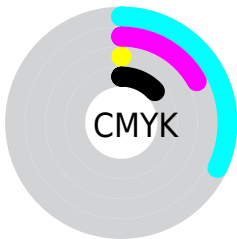
Distribution



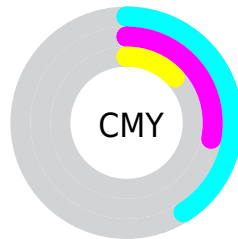
- Red (59%)
- Green (72%)
- Blue (87%)



- Red (59%)
- Yellow (68%)
- Blue (87%)



- Cyan (32%)
- Magenta (17%)
- Yellow (0%)
- Black (13%)



- Cyan (41%)
- Magenta (28%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.4650, 21.4628, -24.0868 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 178.4650, 21.4628, -24.0868 by changing the saturation by 10% instead.

■ 178.4650, 21.4628,
-24.0868

■ 178.4650, 21.4628,
-24.0868

■ 255.0000, 0.0000,
0.0000

■ 151.3510, 21.0260,
-23.9868

■ 231.8430, 11.4164,
-21.7873

■ 125.2370, 20.5892,
-23.8868

■ 249.0200, 2.9481,
-12.2955

■ 99.7100, 19.8630,
-24.3017

■ 74.9980, 19.7210,
-25.4312

■ 49.9760, 19.7318,
-28.9200

■ 29.8300, 17.8318,
-26.1609

■ 14.9950, 14.2995,

-13.1506

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,
0.0000

■ 178.4650, 21.4628,
-24.0868

■ 178.4650, 21.4628,
-24.0868

■ 164.8430, 28.1784,
-31.4343

■ 192.0870, 14.7471,
-16.7393

■ 151.2210, 34.8940,
-38.7818

■ 205.7090, 8.0315,
-9.3918

■ 137.3000, 41.7571,
-46.7441

■ 219.6300, 1.1684,
-1.4295

■ 123.6780, 48.4727,
-54.0916

■ 233.2520, -5.5472,
5.9180

■ 110.6430, 54.8990,
-61.9539

■ 244.1940,
-10.9416, 9.4769

■ 97.0210, 61.6146,
-69.3014

■ 251.2380,
-14.4143, 3.2993

■ 85.7690, 67.1619,
-75.2194

Harmonies

Analogous

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



174.4970, 19.4750, -39.9009



178.4650, 21.4628, -24.0868



182.3860, 18.0507, -2.9695

Triad

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



178.4650, 21.4628, -24.0868



183.8150, -9.2758, 35.2422



175.6590, -9.6919, -18.1179

Complementary

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



178.4650, 21.4628, -24.0868



194.5350, -21.4628, 24.0868

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.



178.4180, -17.4611, 0.5104



178.4650, 21.4628, -24.0868



182.1320, -16.8271, 30.5792

Square

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



178.4650, 21.4628, -24.0868



184.4260, 0.7760, 31.1984



180.5450, -19.9887, 17.9390



173.1220, 1.4189, -35.1870

Rectangle

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



178.4650, 21.4628, -24.0868



183.9210, 13.3499, 11.4703



180.5450, -19.9887, 17.9390



176.3070, -12.4764, -11.6702

Sweetspot

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



178.4650, 21.4628, -24.0868



239.3070, 7.7366, -8.1622



197.0090, -3.9484, -40.3499



117.9330, 4.9630, -5.2032



0.0000, 0.0000, 0.0000



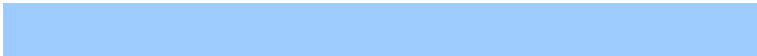
128.0000, 0.0000, 0.0000

Same Dimension

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



178.4650, 21.4628, -24.0868



195.4730, 29.3468, -32.8638



159.6920, 30.7178, -5.8689



105.1890, 3.3578, -3.6738



68.1980, 53.1464, -59.8096



18.9730, 14.3103, -16.6393

Inverse Universe

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



175.9910, 3.9484, 40.3499



192.1330, 5.3574, 55.1344



213.3080, -30.7178, 5.8689



104.8590, 0.5625, 6.2627



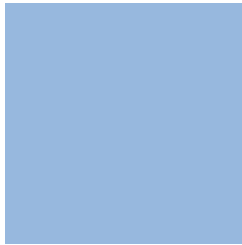
61.9720, 9.8738, 100.0026



16.9740, 2.9708, 27.2098

Previews

White Background



This preview shows how the YUV color 178.4650, 21.4628, -24.0868 looks on a white background.

Color Contrast Check

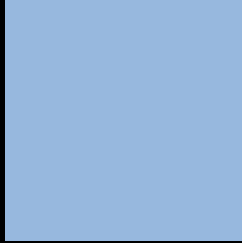
Large Text (above 18pt) WCAG AA × Fail

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 178.4650, 21.4628, -24.0868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

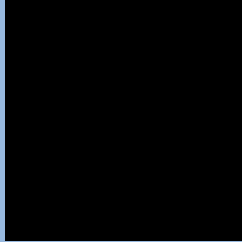
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

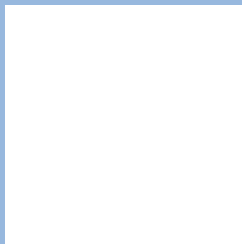
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 178.4650, 21.4628, -24.0868

Background



This preview shows how black text looks on a background with the YUV color 178.4650, 21.4628, -24.0868.



This preview shows how white text looks on a background with the YUV color 178.4650, 21.4628, -24.0868.

-24.0868.

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

178.4650, 21.4628, -24.0868

Protanopia

181.3530, 18.0670, -8.2026

Deuteranopia

182.0590, 20.6769, -5.3137



Tritanopia

176.7500, 12.4483, -26.0907

Trichromacy



Original Color

178.4650, 21.4628, -24.0868

Protanomaly

180.2490, 19.1042, -14.2504

Deuteranomaly

181.0150, 20.6986, -12.2912

Tritanomaly

177.2600, 15.6478, -25.6610

Monochromacy



Original Color

178.4650, 21.4628, -24.0868

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

178.0080, 7.8841, -8.7770

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.4650, 21.4628, -24.0868 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, 184, 222)` looks like.

```
.text, #text, p{  
    color:rgb(151, 184, 222)  
}
```

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, 184, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 184, 222) }
```

Border

The CSS property to change the border of an element to YUV 178.4650, 21.4628, -24.0868 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, 184, 222) }
```


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

```
.border{ border-color:rgb(151, 184, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 184, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 184, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 184, 222);  
box-shadow:4px 4px 4px 4px rgb(151, 184,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 178.4650, 21.4628, -24.0868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 184, 222) }
```

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

```
.background{ background-color: rgb(151,  
184, 222) }
```

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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