

Converting Colors

YUV(176.8940, 24.2093,
-18.3240)

Have a look what the booklet for
YUV(176.8940, 24.2093, -18.3240)
contains.

YUV(176.8940, 24.2093, -18.3240)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(176.8940, 24.2093,
-18.3240)**

Conversions

Conversions Part 1

Format	Color
Hex	9CB2E2
RGB	156, 178, 226
RGB Percent	61%, 70%, 89%
CMY	0.3882, 0.3020, 0.1137
CMYK	0.31, 0.21, 0.00, 0.11
HSL	221°, 55%, 75%
HSV	221°, 31%, 89%
XYZ	43.3582, 44.3997, 78.2363
YIQ	176.8940, -28.5200, 10.2640

Conversions

Conversions Part 2

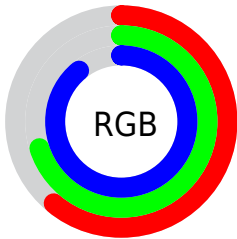
Format	Color
RYB	156, 173, 226
Decimal	10269410
CIELab	72.49, 3.46, -26.56
CIElCh	72, 26.781, 277.415
Yxy	44.3997, 0.2612, 0.2675
Android (android.graphics.Color)	4288459490 (0xFF9CB2E2)
YUV	176.8940, 24.2093, -18.3240
Hunter-Lab	66.6331, -0.4580, -22.9713

Details

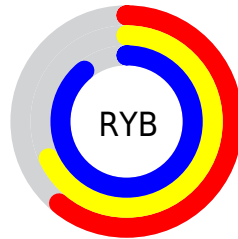
The YUV color **176.8940, 24.2093, -18.3240** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **205.1060, -24.2093, 18.3240**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.8160, 12.4157, -15.6246**, and **124.2530, 23.0463, -18.6389** is the 20% darker color. If you saturate the color by 10%, you get **161.2120, 31.9405, -24.7419**, and if you desaturate by 10%, it is **192.5760, 16.4780, -11.9062**.

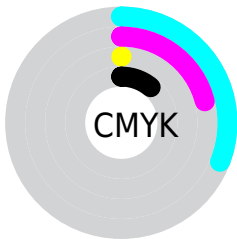
Distribution



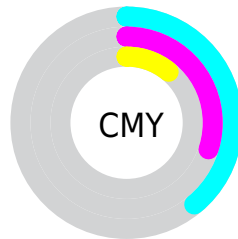
- Red (61%)
- Green (70%)
- Blue (89%)



- Red (61%)
- Yellow (68%)
- Blue (89%)



- Cyan (31%)
- Magenta (21%)
- Yellow (0%)
- Black (11%)



- Cyan (39%)
- Magenta (30%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.8940, 24.2093, -18.3240 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 176.8940, 24.2093, -18.3240 by changing the saturation by 10% instead.

■ 176.8940, 24.2093,
-18.3240

■ 176.8940, 24.2093,
-18.3240

255.0000, 0.0000,
0.0000

■ 149.7800, 23.7725,
-18.2241

■ 229.8160, 12.4157,
-15.6246

■ 124.2530, 23.0463,
-18.6389

■ 250.8140, 2.0637,
-8.6069

■ 98.7260, 22.3201,
-19.0537

■ 73.9000, 21.7413,
-20.0833

■ 49.4760, 21.4573,
-22.3425

■ 27.2370, 20.5892,
-23.8868

■ 11.2280, 17.6356,

-9.8470

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 176.8940, 24.2093,
-18.3240

■ 176.8940, 24.2093,
-18.3240

■ 161.2120, 31.9405,
-24.7419

■ 192.5760, 16.4780,
-11.9062

■ 145.2420, 39.8137,
-30.0302

■ 208.5460, 8.6048,
-6.6178

■ 129.5600, 47.5449,
-36.4481

■ 224.2280, 0.8736,
-0.2000

■ 113.5900, 55.4181,
-41.7364

■ 240.1980, -6.9996,
5.0884

■ 97.9080, 63.1494,
-48.1543

■ 251.6940,
-12.6671, 2.8994

■ 81.6390, 71.1700,
-54.0574

■ 67.4410, 78.1696,
-59.1458

Harmonies

Analogous

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



170.6800, 25.3008, -41.8154



176.8940, 24.2093, -18.3240



180.4520, 18.0182, 7.4966

Triad

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



176.8940, 24.2093, -18.3240



179.9420, -15.2544, 39.5159



169.9070, -5.8702, -30.6134

Complementary

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



176.8940, 24.2093, -18.3240



205.1060, -24.2093, 18.3240

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.



172.7650, -17.1391, -9.4409



176.8940, 24.2093, -18.3240



178.3400, -22.3526, 29.5198

Square

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



176.8940, 24.2093, -18.3240



181.5150, -4.1979, 39.8903



176.0020, -23.1720, 12.2762



167.0540, 7.8614, -48.2824

Rectangle

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



176.8940, 24.2093, -18.3240



181.5310, 11.5702, 22.3363



176.0020, -23.1720, 12.2762



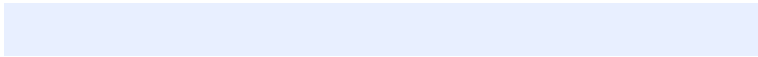
171.2130, -9.9650, -23.8658

Sweetspot

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



176.8940, 24.2093, -18.3240



238.7310, 8.0206, -5.9031



202.5620, 0.7089, -40.8349



117.6450, 5.1050, -4.0737



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.



176.8940, 24.2093, -18.3240



188.7390, 32.6667, -24.3271



167.8670, 28.6596, 0.9936



104.6020, 3.6472, -3.1590



52.3490, 60.9599, -45.9101



14.2770, 16.6254, -12.5209

Inverse Universe

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



179.4380, -0.7089, 40.8349



192.4120, -1.1891, 54.8897



214.1330, -28.6596, -0.9936



104.7450, 0.1257, 6.3626



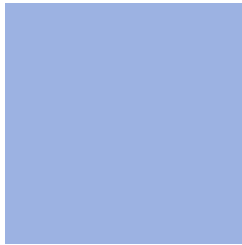
58.8940, -1.9197, 102.7020



16.0620, -0.5236, 28.0096

Previews

White Background



This preview shows how the YUV color 176.8940, 24.2093, -18.3240 looks on a white background.

Color Contrast Check

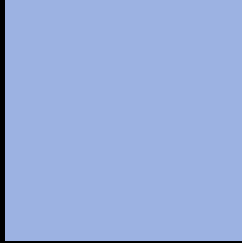
Large Text (above 18pt) WCAG AA × Fail

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 176.8940, 24.2093, -18.3240 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

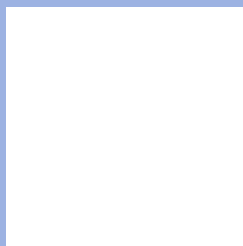
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 176.8940, 24.2093, -18.3240

Background



This preview shows how black text looks on a background with the YUV color 176.8940, 24.2093, -18.3240.



This preview shows how white text looks on a background with the YUV color 176.8940, 24.2093, -18.3240.

-18.3240.

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

176.8940, 24.2093, -18.3240

Protanopia

178.1830, 22.5878, -11.5615

Deuteranopia

178.5470, 23.8873, -8.3727



Tritanopia

174.8430, 11.4164, -21.7873

Trichromacy



Original Color

176.8940, 24.2093, -18.3240

Protanomaly

177.9870, 23.1774, -14.0206

Deuteranomaly

177.6390, 24.3350, -11.9614

Tritanomaly

175.4070, 16.0683, -20.5279

Monochromacy



Original Color

176.8940, 24.2093, -18.3240

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

176.6600, 9.0416, -6.7178

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.8940, 24.2093, -18.3240 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(156, 178, 226)` looks like.

```
.text, #text, p{  
    color:rgb(156, 178, 226)  
}
```

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(156, 178, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 178, 226) }
```

Border

The CSS property to change the border of an element to YUV 176.8940, 24.2093, -18.3240 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(156, 178, 226) }
```


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

```
.border{ border-color:rgb(156, 178, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 178, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 178, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 178, 226);  
box-shadow:4px 4px 4px 4px rgb(156, 178,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 176.8940, 24.2093, -18.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 178, 226) }
```

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

```
.background{ background-color: rgb(156,  
178, 226) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor