

Converting Colors

YUV(140.5770, 18.4495, 9.1410)

Have a look what the booklet for
YUV(140.5770, 18.4495, 9.1410)
contains.

| | |
|--|----|
| YUV(140.5770, 18.4495, 9.1410) | 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(140.5770, 18.4495,
9.1410)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 9780B2 |
| RGB | 151, 128, 178 |
| RGB Percent | 59%, 50%, 70% |
| CMY | 0.4078, 0.4980, 0.3020 |
| CMYK | 0.15, 0.28, 0.00, 0.30 |
| HSL | 268°, 25%, 60% |
| HSV | 268°, 28%, 70% |
| XYZ | 28.5176, 25.2320, 45.4867 |
| YIQ | 140.5770, -2.3420, 20.4260 |

Conversions

Conversions Part 2

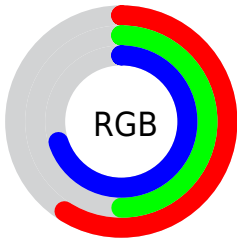
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 151, 128, 178 |
| Decimal | 9928882 |
| CIELab | 57.30, 18.78, -23.13 |
| CIELCh | 57, 29.793, 309.072 |
| Yxy | 25.2320, 0.2874, 0.2543 |
| Android (android.graphics.Color) | 4288118962 (0xFF9780B2) |
| YUV | 140.5770, 18.4495, 9.1410 |
| Hunter-Lab | 50.2315, 13.4335, -18.5276 |

Details

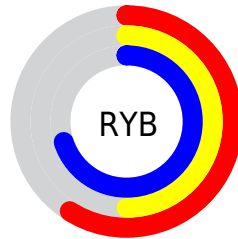
The YUV color $140.5770, 18.4495, 9.1410$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $165.4230, -18.4495, -9.1410$, and the grayscale version is $140.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $194.5170, 19.4651, 10.0706$, and $90.2240, 17.1446, 7.6966$ is the 20% darker color. If you saturate the color by 10%, you get $127.0210, 25.1326, 12.2596$, and if you desaturate by 10%, it is $154.1330, 11.7664, 6.0224$.

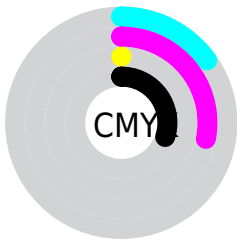
Distribution



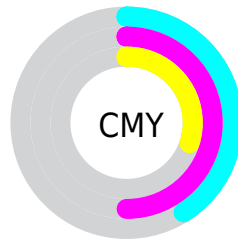
- Red (59%)
- Green (50%)
- Blue (70%)



- Red (59%)
- Yellow (50%)
- Blue (70%)



- Cyan (15%)
- Magenta (28%)
- Yellow (0%)
- Black (30%)





- Cyan (41%)
- Magenta (50%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YUV color 140.5770, 18.4495, 9.1410 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 140.5770, 18.4495, 9.1410 by changing the saturation by 10% instead.


 140.5770, 18.4495,
9.1410


 140.5770, 18.4495,
9.1410


255.0000, 0.0000,
0.0000


 115.0500, 17.7233,
8.7262


 194.5170, 19.4651,
10.0706


 90.2240, 17.1446,
7.6966


 221.7190, 16.4075,
10.7704

 66.6970, 16.4184,
7.2817

 244.4340, 5.2090,
9.2664

 43.8710, 15.8396,
6.2521

 22.3440, 15.1134,
5.8373

 3.6480, 13.9775,
-3.1993

 0.3420, 1.3104,

-0.2999

■ 0.0000, 0.0000,
0.0000

■ 140.5770, 18.4495,
9.1410

■ 140.5770, 18.4495,
9.1410

■ 127.0210, 25.1326,
12.2596

■ 154.1330, 11.7664,
6.0224

■ 113.7640, 31.6683,
15.9930

■ 167.3900, 5.2307,
2.2890

■ 100.7950, 38.0621,
18.5968

■ 180.3590, -1.1630,
-0.3148

■ 87.5380, 44.5978,
22.3302

■ 193.6160, -7.6987,
-4.0482

■ 73.9820, 51.2809,
25.4488

■ 207.1720,
-14.3818, -7.1668

60.4260, 57.9640,
28.5674

220.7280,
-21.0649, -10.2855

47.1690, 64.4997,
32.3008

233.9850,
-27.6006, -14.0188

44.8100, 65.6627,
32.6156

238.1490,
-29.6535, -8.9007

241.1390,
-31.1275, -2.7529

Harmonies

Analogous

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



136.0510, 26.1039, -19.3387



140.5770, 18.4495, 9.1410



141.2610, 7.7593, 31.3431

Triad

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



140.5770, 18.4495, 9.1410



137.5850, -23.9524, 29.3050



122.4980, 11.0935, -58.3187

Complementary

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



140.5770, 18.4495, 9.1410



165.4230, -18.4495, -9.1410

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.



127.5150, -4.6909, -35.5317



140.5770, 18.4495, 9.1410



135.3500, -24.3295, 10.2171

Square

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



140.5770, 18.4495, 9.1410



139.3120, -16.4228, 40.9454



132.2270, -17.8599, -11.6001



119.8740, 24.2191, -68.2955

Rectangle

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



140.5770, 18.4495, 9.1410



140.7260, -0.8509, 39.7053



132.2270, -17.8599, -11.6001



124.4620, 5.6882, -51.2712

Sweetspot

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



140.5770, 18.4495, 9.1410



217.8570, 6.9725, 3.6334



150.1360, 13.7370, -19.4133



108.7490, 4.0677, 1.9741



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



140.5770, 18.4495, 9.1410



172.7700, 29.2004, 14.2337



147.7530, 14.9118, 23.8956



82.2220, 3.3416, 1.5593



38.3720, 56.5116, 27.7378



6.5520, 9.5879, 4.7779

Inverse Universe

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



146.0280, 4.4232, 28.0394



181.5230, 7.1372, 44.2683



158.2470, -14.9118, -23.8956



83.2610, 0.8573, 5.0331



55.2090, 13.7010, 85.7627



9.3700, 2.2826, 14.5845

Previews

White Background



This preview shows how the YUV color 140.5770, 18.4495, 9.1410 looks on a white background.

Color Contrast Check

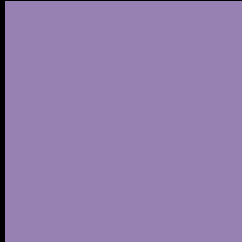
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.5770, 18.4495, 9.1410 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 × Fail

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

YUV 140.5770, 18.4495, 9.1410

Background



This preview shows how black text looks on a background with the YUV color 140.5770, 18.4495, 9.1410.



This preview shows how white text looks on a background with the YUV color 140.5770, 18.4495, 9.1410.

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

140.5770, 18.4495, 9.1410

Protanopia

137.8840, 22.7352, -12.1763

Deuteranopia

138.2930, 19.0826, -7.2730



Tritanopia

138.8420, 3.0359, 6.2776

Trichromacy



Original Color

140.5770, 18.4495, 9.1410

Protanomaly

138.8850, 21.2557, -4.2841

Deuteranomaly

138.9240, 18.7715, -0.8103

Tritanomaly

139.6340, 8.5614, 7.3370

Monochromacy



Original Color

140.5770, 18.4495, 9.1410

Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

140.7430, 6.5357, 3.7334

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.5770, 18.4495, 9.1410 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, 128, 178)` looks like.

```
.text, #text, p{  
    color:rgb(151, 128, 178)  
}
```

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, 128, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 128, 178) }
```

Border

The CSS property to change the border of an element to YUV 140.5770, 18.4495, 9.1410 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, 128, 178) }
```


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

```
.border{ border-color:rgb(151, 128, 178) }
```

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

Here you see how a box with a 4 pixel rgb(151, 128, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 128, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 128, 178);  
box-shadow:4px 4px 4px 4px rgb(151, 128,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 140.5770, 18.4495, 9.1410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 128, 178) }
```

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

```
.background{ background-color: rgb(151,  
128, 178) }
```

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