

Converting Colors

YUV(140.5090, 11.5811,
18.8476)

Have a look what the booklet for
YUV(140.5090, 11.5811, 18.8476)
contains.

YUV(140.5090, 11.5811, 18.8476)	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(140.5090, 11.5811,
18.8476)**

Conversions

Conversions Part 1

Format	Color
Hex	A27DA4
RGB	162, 125, 164
RGB Percent	64%, 49%, 64%
CMY	0.3647, 0.5098, 0.3569
CMYK	0.01, 0.24, 0.00, 0.36
HSL	297°, 18%, 57%
HSV	297°, 24%, 64%
XYZ	28.9347, 25.0289, 38.4280
YIQ	140.5090, 9.5330, 19.9730

Conversions

Conversions Part 2

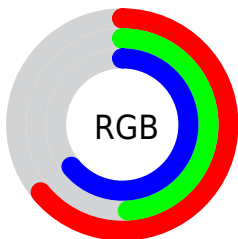
Format	Color
RYB	162, 125, 164
Decimal	10648996
CIELab	57.10, 21.25, -15.30
CIELCh	57, 26.186, 324.254
Yxy	25.0289, 0.3132, 0.2709
Android (android.graphics.Color)	4288839076 (0xFFA27DA4)
YUV	140.5090, 11.5811, 18.8476
Hunter-Lab	50.0289, 15.6866, -10.5213

Details

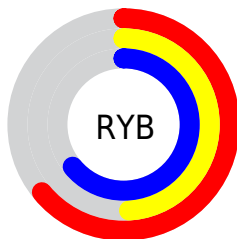
The YUV color **140.5090, 11.5811, 18.8476** is a light color, and the websafe version is hex **996699**. A complement of this color would be **148.4910, -11.5811, -18.8476**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.3350, 12.1598, 19.8772**, and **90.2700, 10.7129, 17.3032** is the 20% darker color. If you saturate the color by 10%, you get **130.8180, 16.3587, 26.4696**, and if you desaturate by 10%, it is **150.2000, 6.8034, 11.2256**.

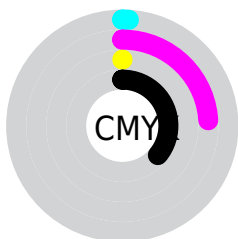
Distribution



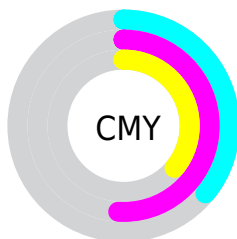
- Red (64%)
- Green (49%)
- Blue (64%)



- Red (64%)
- Yellow (49%)
- Blue (64%)



- Cyan (1%)
- Magenta (24%)
- Yellow (0%)
- Black (36%)




- Cyan (36%)
- Magenta (51%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YUV color 140.5090, 11.5811, 18.8476 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 140.5090, 11.5811, 18.8476 by changing the saturation by 10% instead.


 140.5090, 11.5811,
18.8476


 140.5090, 11.5811,
18.8476


255.0000, 0.0000,
0.0000

 115.0960, 11.2917,
18.3328

 194.3350, 12.1598,
19.8772

 90.2700, 10.7129,
17.3032


 222.7480, 12.4492,
20.3920

 65.9710, 10.8603,
16.6884

 242.6730, 6.0772,
10.8108

 43.1450, 10.2815,
15.6588

 21.7320, 9.9921,
15.1440

 5.6830, 7.5513,
4.6630

 0.0000, 0.0000,

0.0000

■ 140.5090, 11.5811,
18.8476

■ 140.5090, 11.5811,
18.8476

■ 130.8180, 16.3587,
26.4696

■ 150.2000, 6.8034,
11.2256

■ 120.5400, 21.4258,
34.6064

■ 160.4780, 1.7363,
3.0888

■ 110.8490, 26.2034,
42.2284

■ 170.1690, -3.0413,
-4.5332

■ 100.8700, 31.1231,
50.9800

■ 180.1480, -7.9610,
-13.2848

■ 91.1790, 35.9008,
58.6020

■ 189.8390,
-12.7386, -20.9068

■ 81.4880, 40.6784,
66.2240

■ 199.5300,
-17.5163, -28.5288

71.2100, 45.7455,
74.3608

209.8080,
-22.5833, -36.6656

65.3400, 48.6394,
79.5088

218.9120,
-27.0716, -43.7728

219.2110,
-27.2190, -43.1580

Harmonies

Analogous

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



138.5430, 19.9453, -3.9842



140.5090, 11.5811, 18.8476



140.1490, 0.9125, 34.0723

Triad

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



140.5090, 11.5811, 18.8476



136.0890, -21.7359, 18.3389



123.9700, 15.2978, -53.4707

Complementary

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



140.5090, 11.5811, 18.8476



148.4910, -11.5811, -18.8476

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.



126.7300, 2.5981, -40.1052



140.5090, 11.5811, 18.8476



133.6630, -19.0609, 0.2955

Square

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



140.5090, 11.5811, 18.8476



137.5020, -17.9955, 32.0087



130.8220, -10.2652, -20.8919



126.6530, 22.8491, -48.8077

Rectangle

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



140.5090, 11.5811, 18.8476



139.6350, -6.2291, 38.0311



130.8220, -10.2652, -20.8919



124.8410, 10.9244, -50.7266

Sweetspot

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



140.5090, 11.5811, 18.8476



204.8960, 4.4883, 7.1072



131.2070, 16.1669, -5.4435



102.3040, 2.3151, 4.1184



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



140.5090, 11.5811, 18.8476



176.7090, 18.3845, 30.0732



139.1690, 3.8607, 21.7768



76.4180, 2.7519, 4.0184



57.7920, 42.9935, 70.3424



7.1350, 5.3564, 8.6516

Inverse Universe

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



136.8890, -4.8753, 23.7763



170.8800, -7.8288, 37.8162



149.8310, -3.8607, -21.7768



75.8050, -0.8899, 5.4330



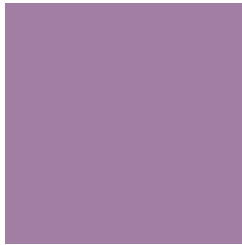
44.1530, -18.3164, 88.4428



5.4960, -2.2165, 10.9660

Previews

White Background



This preview shows how the YUV color 140.5090, 11.5811, 18.8476 looks on a white background.

Color Contrast Check

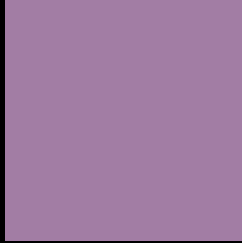
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.5090, 11.5811, 18.8476 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 140.5090, 11.5811, 18.8476

Background



This preview shows how black text looks on a background with the YUV color 140.5090, 11.5811, 18.8476.



This preview shows how white text looks on a background with the YUV color 140.5090, 11.5811, 18.8476.

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

140.5090, 11.5811, 18.8476

Protanopia

138.0110, 16.7566, -7.9026

Deuteranopia

138.3880, 11.6407, -0.3403



Tritanopia

139.2240, 0.3826, 17.3436

Trichromacy



Original Color

140.5090, 11.5811, 18.8476

Protanomaly

138.9090, 14.8349, 1.8338

Deuteranomaly

139.4320, 11.6190, 6.6371

Tritanomaly

139.9620, 4.4557, 17.5733

Monochromacy



Original Color

140.5090, 11.5811, 18.8476

Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

140.7820, 4.0515, 7.2072

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.5090, 11.5811, 18.8476 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(162, 125, 164)` looks like.

```
.text, #text, p{  
    color:rgb(162, 125, 164)  
}
```

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(162, 125, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 125, 164) }
```

Border

The CSS property to change the border of an element to YUV 140.5090, 11.5811, 18.8476 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(162, 125, 164) }
```


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

```
.border{ border-color:rgb(162, 125, 164) }
```

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

Here you see how a box with a 4 pixel rgb(162, 125, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 125, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 125, 164);  
box-shadow:4px 4px 4px 4px rgb(162, 125,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 140.5090, 11.5811, 18.8476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 125, 164) }
```

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

```
.background{ background-color: rgb(162,  
125, 164) }
```

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