

Converting Colors

YUV(140.8470, -1.4036,
-16.5288)

Have a look what the booklet for
YUV(140.8470, -1.4036, -16.5288)
contains.

YUV(140.8470, -1.4036, -16.5288)	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(140.8470, -1.4036,
-16.5288)**

Conversions

Conversions Part 1

Format	Color
Hex	7A978A
RGB	122, 151, 138
RGB Percent	48%, 59%, 54%
CMY	0.5216, 0.4078, 0.4588
CMYK	0.19, 0.00, 0.09, 0.41
HSL	153°, 12%, 54%
HSV	153°, 19%, 59%
XYZ	23.6801, 28.1058, 28.2216
YIQ	140.8470, -13.1110, -10.1910

Conversions

Conversions Part 2

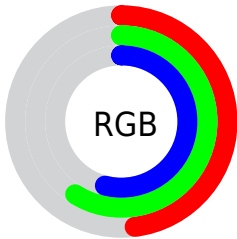
Format	Color
RYB	122, 141, 151
Decimal	8034186
CIELab	59.98, -12.90, 3.49
CIELCh	60, 13.363, 164.863
Yxy	28.1058, 0.2960, 0.3513
Android (android.graphics.Color)	4286224266 (0xFF7A978A)
YUV	140.8470, -1.4036, -16.5288
Hunter-Lab	53.0149, -13.0456, 5.5483

Details

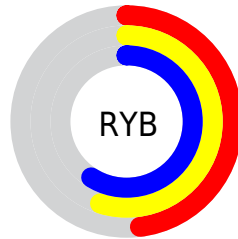
The YUV color $[140.8470, -1.4036, -16.5288]$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $[132.1530, 1.4036, 16.5288]$, and the grayscale version is $[141.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[194.4340, -1.6930, -17.0436]$, and $[90.5590, -1.2616, -15.3992]$ is the 20% darker color. If you saturate the color by 10%, you get $[135.5640, -2.2501, -25.0506]$, and if you desaturate by 10%, it is $[146.1300, -0.5571, -8.0070]$.

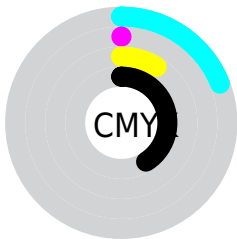
Distribution



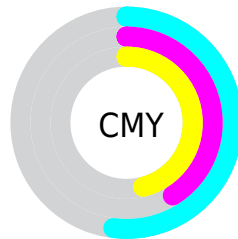
- Red (48%)
- Green (59%)
- Blue (54%)



- Red (48%)
- Yellow (55%)
- Blue (59%)



- Cyan (19%)
- Magenta (0%)
- Yellow (9%)
- Black (41%)



- Cyan (52%)
- Magenta (41%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 140.8470, -1.4036, -16.5288 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 140.8470, -1.4036, -16.5288 by changing the saturation by 10% instead.

■ 140.8470, -1.4036,
-16.5288

■ 140.8470, -1.4036,
-16.5288

255.0000, 0.0000,
0.0000

■ 115.2600, -1.1142,
-16.0140

■ 194.4340, -1.6930,
-17.0436

■ 90.5590, -1.2616,
-15.3992

■ 222.1350, -1.5456,
-17.6584

■ 66.9720, -0.9722,
-14.8844

■ 247.0260, 0.4802,
-14.0548

■ 44.3850, -0.6828,
-14.3696

■ 23.0860, -0.5354,
-14.9844

■ 0.0000, 0.0000,
0.0000

■ 140.8470, -1.4036,
-16.5288

■ 140.8470, -1.4036,
-16.5288

■ 135.5640, -2.2501,
-25.0506

■ 146.1300, -0.5571,
-8.0070

■ 130.2810, -3.0965,
-33.5724

■ 151.4130, 0.2894,
0.5148

■ 125.1120, -3.5062,
-42.1942

■ 156.5820, 0.6991,
9.1366

■ 119.8290, -4.3527,
-50.7160

■ 161.8650, 1.5456,
17.6584

■ 114.5460, -5.1992,
-59.2378

■ 167.4470, 2.2446,
26.7950

■ 108.9640, -5.8983,
-68.3744

■ 172.7300, 3.0911,
35.3168

■ 103.7950, -6.3079,
-76.9962


■ 177.8990, 3.5008,
43.9386

■ 98.5120, -7.1544,

■ 183.1820, 4.3473,

-85.5180

52.4604

 98.0990, -7.4438,
-86.0328

 187.5680, 5.6360,
59.1379

Harmonies

Analogous

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



142.1210, -6.9617, -7.1221



140.8470, -1.4036, -16.5288



140.1220, 4.8699, -22.0320

Triad

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



140.8470, -1.4036, -16.5288



145.1270, 10.7834, -5.3734



145.5310, -8.6428, 18.8283

Complementary

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



140.8470, -1.4036, -16.5288



132.1530, 1.4036, 16.5288

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.



146.7960, -3.8434, 19.4729



140.8470, -1.4036, -16.5288



146.5800, 7.1091, 6.5073

Square

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



140.8470, -1.4036, -16.5288



142.7020, 11.9789, -15.5247



146.9680, 1.9878, 15.8141



145.1020, -11.3893, 13.0655

Rectangle

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



140.8470, -1.4036, -16.5288



140.6210, 8.0748, -23.3466



146.9680, 1.9878, 15.8141



145.9980, -6.9010, 20.1728

Sweetspot

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



140.8470, -1.4036, -16.5288



192.1410, -0.5625, -6.2627



142.9100, -10.3086, -6.9371



96.5650, -0.2785, -4.0035



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



140.8470, -1.4036, -16.5288



180.2650, -2.1026, -25.6654



141.7420, 4.5642, -17.3137



74.1520, -0.5679, -4.5183



90.9580, -6.8813, -79.7702



8.4290, -0.7045, -7.3922

Inverse Universe

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



132.1530, 1.4036, 16.5288



166.7350, 2.1026, 25.6654



131.2580, -4.5642, 17.3137



71.7340, 0.1311, 4.6183



49.0420, 6.8813, 79.7702



4.5710, 0.7045, 7.3922

Previews

White Background



This preview shows how the YUV color 140.8470, -1.4036, -16.5288 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 140.8470, -1.4036, -16.5288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

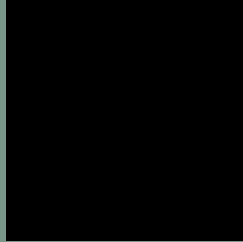
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 140.8470, -1.4036, -16.5288

Background



This preview shows how black text looks on a background with the YUV color 140.8470, -1.4036, -16.5288.



This preview shows how white text looks on a background with the YUV color 140.8470, -1.4036,

-16.5288.

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

140.8470, -1.4036, -16.5288

Protanopia

144.3550, -5.1050, 4.0737

Deuteranopia

145.0940, -2.5113, 12.1956



Tritanopia

142.7900, 8.4845, -14.7248

Trichromacy



Original Color

140.8470, -1.4036, -16.5288

Protanomaly

143.2400, -4.0623, -3.7185

Deuteranomaly

143.4410, -2.1894, 2.2442

Tritanomaly

142.1660, 4.8482, -15.0546

Monochromacy



Original Color

140.8470, -1.4036, -16.5288

Achromatopsia

141.0000, 0.0000, 0.0000

Achromatomaly

141.1410, -0.5625, -6.2627

CSS Examples

Text

The CSS property to change the color of the text to YUV 140.8470, -1.4036, -16.5288 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(122, 151, 138)` looks like.

```
.text, #text, p{  
    color:rgb(122, 151, 138)  
}
```

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(122, 151, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 151, 138) }
```

Border

The CSS property to change the border of an element to YUV 140.8470, -1.4036, -16.5288 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(122, 151, 138) }
```


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

```
.border{ border-color:rgb(122, 151, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 151, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 151, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 151, 138);  
box-shadow:4px 4px 4px 4px rgb(122, 151,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 140.8470, -1.4036, -16.5288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 151, 138) }
```

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

```
.background{ background-color: rgb(122,  
151, 138) }
```

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