

Converting Colors

YUV(100.6280, 17.4384,
-40.0158)

Have a look what the booklet for
YUV(100.6280, 17.4384, -40.0158)
contains.

YUV(100.6280, 17.4384, -40.0158)	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(100.6280, 17.4384,
-40.0158)**

Conversions

Conversions Part 1

Format	Color
Hex	377588
RGB	55, 117, 136
RGB Percent	22%, 46%, 53%
CMY	0.7843, 0.5412, 0.4667
CMYK	0.60, 0.14, 0.00, 0.47
HSL	194°, 42%, 37%
HSV	194°, 60%, 53%
XYZ	12.3808, 15.3124, 25.5956
YIQ	100.6280, -43.0510, -7.2350

Conversions

Conversions Part 2

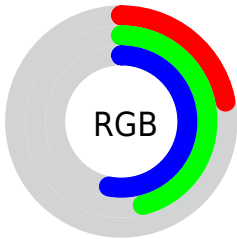
Format	Color
RYB	55, 90, 136
Decimal	3634568
CIELab	46.06, -14.04, -16.43
CIElCh	46, 21.614, 229.497
Yxy	15.3124, 0.2323, 0.2873
Android (android.graphics.Color)	4281824648 (0xFF377588)
YUV	100.6280, 17.4384, -40.0158
Hunter-Lab	39.1310, -12.0032, -11.3899




Details

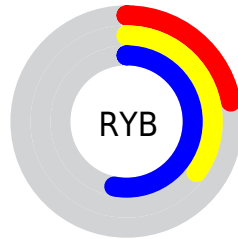
The YUV color **100.6280, 17.4384, -40.0158** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **90.3720, -17.4384, 40.0158**, and the grayscale version is **100.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **153.3400, 17.5804, -38.8862**, and **50.3070, 17.5966, -44.1192** is the 20% darker color. If you saturate the color by 10%, you get **94.6810, 20.3703, -47.0782**, and if you desaturate by 10%, it is **106.5750, 14.5065, -32.9533**.

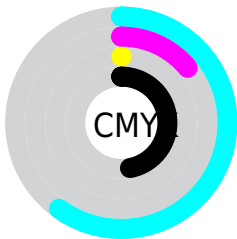
Distribution







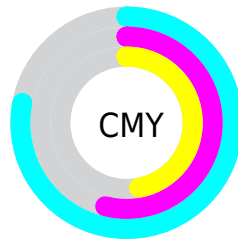
-  Red (22%)
-  Green (46%)
-  Blue (53%)






-  Red (22%)
-  Yellow (35%)
-  Blue (53%)



-  Cyan (60%)
-  Magenta (14%)
-  Yellow (0%)
-  Black (47%)



-  Cyan (78%)
-  Magenta (54%)
-  Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.6280, 17.4384, -40.0158 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 100.6280, 17.4384, -40.0158 by changing the saturation by 10% instead.

■ 100.6280, 17.4384,
-40.0158

■ 100.6280, 17.4384,
-40.0158

■ 255.0000, 0.0000,
0.0000

■ 73.8340, 18.3228,
-43.7044

■ 153.3400, 17.5804,
-38.8862

■ 50.3070, 17.5966,
-44.1192

■ 180.7530, 17.8698,
-38.3714

■ 34.1840, 14.2063,
-29.9794

■ 208.5680, 18.4540,
-39.0861

■ 19.9360, 10.3846,
-17.4839

■ 235.2880, 9.7180,
-37.0866

■ 2.8670, 8.4466,
-2.5144

■ 244.8340, 5.0118,
-20.9024

■ 0.0000, 0.0000,
0.0000

■ 253.8040, 0.5896,

-2.4591

■ 100.6280, 17.4384,
-40.0158

■ 100.6280, 17.4384,
-40.0158

■ 94.6810, 20.3703,
-47.0782

■ 106.5750, 14.5065,
-32.9533

■ 89.0330, 23.1547,
-53.5259

■ 112.2230, 11.7221,
-26.5056

■ 82.4990, 26.3760,
-60.0736

■ 118.7570, 8.5008,
-19.9579

■ 76.8510, 29.1605,
-66.5213

■ 124.4050, 5.7163,
-13.5102

■ 76.5520, 29.3079,
-67.1361

■ 130.3520, 2.7845,
-6.4477

■ 136.2990, -0.1474,
0.6148

■ 141.9470, -2.9319,
7.0625

■ 148.4810, -6.1531,
13.6102

■ 154.1290, -8.9376,
20.0579

Harmonies

Analogous

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



99.3800, 10.1657, -40.6753



100.6280, 17.4384, -40.0158



105.4710, 18.9948, -25.8461

Triad

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



100.6280, 17.4384, -40.0158



111.7350, 2.1026, 25.6654



107.1840, -15.8667, 2.4696

Complementary

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



100.6280, 17.4384, -40.0158



90.3720, -17.4384, 40.0158

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.



108.9300, -17.2205, 16.7244



100.6280, 17.4384, -40.0158



110.8790, -6.3493, 29.9241

Square

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



100.6280, 17.4384, -40.0158



111.5360, 10.5818, 12.6849



109.9080, -13.7586, 26.3907



104.3930, -9.5607, -13.4997

Rectangle

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



100.6280, 17.4384, -40.0158



108.6190, 17.9358, -12.8209



109.9080, -13.7586, 26.3907



107.5760, -17.0460, 7.3878

Sweetspot

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



100.6280, 17.4384, -40.0158



162.3230, 6.7428, -16.0693



104.7130, -15.1415, -43.5983



80.9710, 3.9583, -9.6216



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



100.6280, 17.4384, -40.0158



121.6020, 26.8182, -61.9180



77.1480, 29.0140, -19.4238



65.7330, 1.6106, -3.2738



74.4490, 28.8656, -65.2918



2.9180, 1.0264, -2.5591

Inverse Universe

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



86.2870, 15.1415, 43.5983



99.3190, 23.5067, 67.2492



113.8520, -29.0140, 19.4238



64.6630, 1.1521, 3.8035



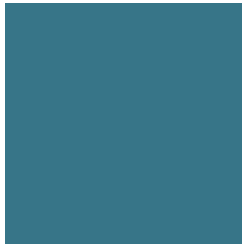
51.2810, 24.5115, 71.6676



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 100.6280, 17.4384, -40.0158 looks on a white 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

Black Background



This preview shows how the YUV color 100.6280, 17.4384, -40.0158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

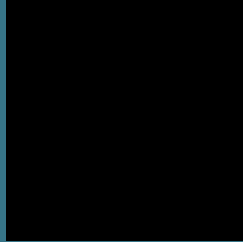
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.6280, 17.4384, -40.0158 Background



This preview shows how black text looks on a background with the YUV color 100.6280, 17.4384, -40.0158.



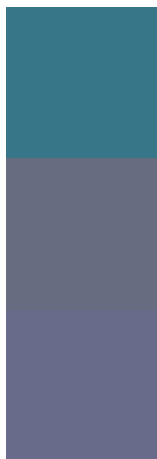
This preview shows how white text looks on a background with the YUV color 100.6280, 17.4384, -40.0158.

-40.0158.

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

100.6280, 17.4384, -40.0158

Protanopia

109.1980, 9.7624, -4.5586

Deuteranopia

109.6370, 13.9830, -4.9436



Tritanopia

99.1070, 14.2442, -42.1898

Trichromacy



Original Color

100.6280, 17.4384, -40.0158

Protanomaly

105.9190, 12.8579, -17.4690

Deuteranomaly

106.4890, 15.0419, -17.9689

Tritanomaly

99.7480, 15.4072, -41.8750

Monochromacy



Original Color

100.6280, 17.4384, -40.0158

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.9210, 6.4479, -14.8397

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.6280, 17.4384, -40.0158 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(55, 117, 136)` looks like.

```
.text, #text, p{  
    color:rgb(55, 117, 136)  
}
```

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(55, 117, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 117, 136) }
```

Border

The CSS property to change the border of an element to YUV 100.6280, 17.4384, -40.0158 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(55, 117, 136) }
```


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

```
.border{ border-color:rgb(55, 117, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 117, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 117, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 117, 136);  
box-shadow:4px 4px 4px 4px rgb(55, 117,  
136) }
```

Background

The CSS property to change the background color of an element to YUV 100.6280, 17.4384, -40.0158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 117, 136) }
```

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

```
.background{ background-color: rgb(55, 117,  
136) }
```

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