

Converting Colors

YUV(79.1680, 11.7492,
-35.2273)

Have a look what the booklet for
YUV(79.1680, 11.7492, -35.2273)
contains.

YUV(79.1680, 11.7492, -35.2273)	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(79.1680, 11.7492,
-35.2273)**

Conversions

Conversions Part 1

Format	Color
Hex	275F67
RGB	39, 95, 103
RGB Percent	15%, 37%, 40%
CMY	0.8471, 0.6275, 0.5961
CMYK	0.62, 0.08, 0.00, 0.60
HSL	188°, 45%, 28%
HSV	188°, 62%, 40%
XYZ	7.3771, 9.5950, 14.2952
YIQ	79.1680, -35.9440, -9.3840

Conversions

Conversions Part 2

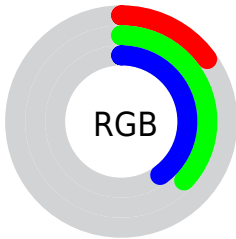
Format	Color
R_{YB}	39, 69, 103
Decimal	2580327
CIE _{Lab}	37.11, -15.62, -10.09
CIE _{LCh}	37, 18.597, 212.853
Yxy	9.5950, 0.2359, 0.3069
Android (android.graphics.Color)	4280770407 (0xFF275F67)
YUV	79.1680, 11.7492, -35.2273
Hunter-Lab	30.9758, -11.6968, -5.6789




Details

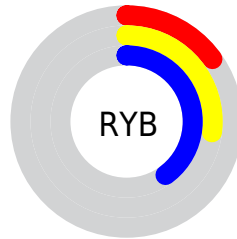
The YUV color **79.1680, 11.7492, -35.2273** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **62.8320, -11.7492, 35.2273**, and the grayscale version is **79.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **130.7660, 11.4544, -33.9978**, and **35.1470, 10.2805, -30.8239** is the 20% darker color. If you saturate the color by 10%, you get **75.5910, 13.5126, -40.8603**, and if you desaturate by 10%, it is **82.7450, 9.9857, -29.5944**.

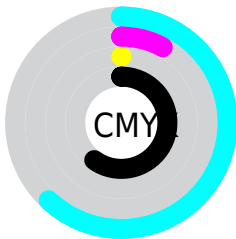
Distribution







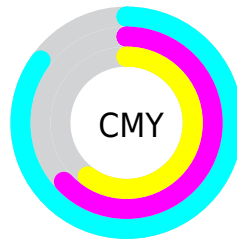
-  Red (15%)
-  Green (37%)
-  Blue (40%)






-  Red (15%)
-  Yellow (27%)
-  Blue (40%)



-  Cyan (62%)
-  Magenta (8%)
-  Yellow (0%)
-  Black (60%)



-  Cyan (85%)
-  Magenta (63%)
-  Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.1680, 11.7492, -35.2273 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 79.1680, 11.7492, -35.2273 by changing the saturation by 10% instead.

■ 79.1680, 11.7492,
-35.2273

■ 79.1680, 11.7492,
-35.2273

■ 255.0000, 0.0000,
0.0000

■ 52.4770, 13.0758,
-40.7603

■ 130.7660, 11.4544,
-33.9978

■ 35.1470, 10.2805,
-30.8239

■ 156.8800, 11.8912,
-34.0978

■ 20.4260, 7.1850,
-17.9136

■ 184.4670, 11.6018,
-34.6126

■ 1.3680, 5.2416,
-1.1997

■ 212.2820, 12.1860,
-35.3273

■ 0.0000, 0.0000,
0.0000

■ 238.5550, 8.1074,
-33.8127

■ 247.2260, 3.8326,

-15.9842

■ 79.1680, 11.7492,
-35.2273

■ 79.1680, 11.7492,
-35.2273

■ 75.5910, 13.5126,
-40.8603

■ 82.7450, 9.9857,
-29.5944

■ 71.1280, 15.7129,
-46.5933

■ 87.2080, 7.7855,
-23.8614

■ 67.5510, 17.4764,
-52.2262

■ 90.7850, 6.0220,
-18.2284

■ 64.5720, 18.9450,
-56.6296

■ 94.3620, 4.2585,
-12.5955

■ 98.2380, 2.3477,
-6.3477

■ 102.4020, 0.2948,
-1.2296

■ 105.9790, -1.4686,
4.4034

■ 109.5560, -3.2321,
10.0364

■ 114.0190, -5.4324,
15.7693

Harmonies

Analogous

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



80.4370, 3.7286, -29.3242



79.1680, 11.7492, -35.2273



81.6510, 15.9481, -28.6349

Triad

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



79.1680, 11.7492, -35.2273



89.5920, 5.6241, 16.1438



86.2710, -14.4306, 8.5323

Complementary

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



79.1680, 11.7492, -35.2273



62.8320, -11.7492, 35.2273

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.



87.6790, -13.1527, 18.6985



79.1680, 11.7492, -35.2273



89.1000, -1.5283, 23.5913

Square

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



79.1680, 11.7492, -35.2273



88.6980, 11.4879, 2.0189



88.6780, -8.2223, 23.9614



84.4050, -11.0457, -3.8632

Rectangle

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



79.1680, 11.7492, -35.2273



84.7060, 15.9209, -19.9132



88.6780, -8.2223, 23.9614



86.7060, -14.1521, 12.5358

Sweetspot

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



79.1680, 11.7492, -35.2273



125.4650, 4.7008, -14.4398



77.3660, -15.4634, -33.6470



63.0420, 2.9373, -8.8068



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



79.1680, 11.7492, -35.2273



97.1700, 18.6502, -55.4001



60.9710, 20.7203, -19.2686



48.9180, 1.0264, -2.5591



71.8100, 21.2927, -62.9774



152.0320, 44.3542, -133.3321

Inverse Universe

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



64.5200, 15.0266, 33.7470



74.2310, 23.5501, 53.2944



81.0290, -20.7203, 19.2686



47.9510, 1.0102, 2.6740



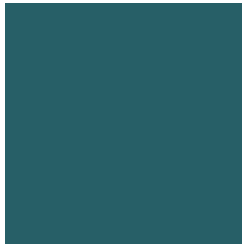
45.7850, 26.7280, 60.7016



96.5260, 56.9287, 127.5807

Previews

White Background



This preview shows how the YUV color 79.1680, 11.7492, -35.2273 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 ✓ Pass

Black Background



This preview shows how the YUV color 79.1680, 11.7492, -35.2273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

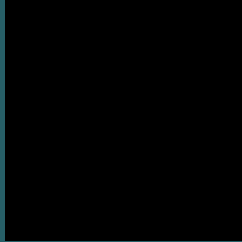
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

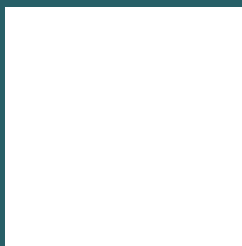
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 79.1680, 11.7492, -35.2273

Background



This preview shows how black text looks on a background with the YUV color 79.1680, 11.7492, -35.2273.



This preview shows how white text looks on a background with the YUV color 79.1680, 11.7492,

-35.2273.

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

79.1680, 11.7492, -35.2273

Protanopia

86.9550, 4.9522, -1.7145

Deuteranopia

87.5790, 8.5886, -1.3848



Tritanopia

79.1680, 11.7492, -35.2273

Trichromacy



Original Color

79.1680, 11.7492, -35.2273

Protanomaly

83.8610, 7.4635, -13.9101

Deuteranomaly

84.7300, 9.5001, -13.7952

Tritanomaly

79.1680, 11.7492, -35.2273

Monochromacy



Original Color

79.1680, 11.7492, -35.2273

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

79.0630, 4.4059, -13.2103

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.1680, 11.7492, -35.2273 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(39, 95, 103)` looks like.

```
.text, #text, p{  
    color:rgb(39, 95, 103)  
}
```

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(39, 95, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 95, 103) }
```

Border

The CSS property to change the border of an element to YUV 79.1680, 11.7492, -35.2273 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(39, 95, 103) }
```


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

```
.border{ border-color:rgb(39, 95, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 95, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 95, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 95, 103);  
box-shadow:4px 4px 4px 4px rgb(39, 95,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 79.1680, 11.7492, -35.2273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 95, 103) }
```

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

```
.background{ background-color: rgb(39, 95,  
103) }
```

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