

Converting Colors

YUV(80.5640, 1.2009, -11.8956)

Have a look what the booklet for
YUV(80.5640, 1.2009, -11.8956)
contains.

YUV(80.5640, 1.2009, -11.8956)	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(80.5640, 1.2009,
-11.8956)**

Conversions

Conversions Part 1

Format	Color
Hex	435753
RGB	67, 87, 83
RGB Percent	26%, 34%, 33%
CMY	0.7373, 0.6588, 0.6745
CMYK	0.23, 0.00, 0.05, 0.66
HSL	168°, 13%, 30%
HSV	168°, 23%, 34%
XYZ	7.2843, 8.6342, 9.4663
YIQ	80.5640, -10.6360, -5.4840

Conversions

Conversions Part 2

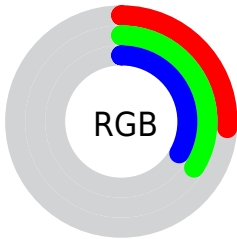
Format	Color
RYB	67, 78, 87
Decimal	4413267
CIELab	35.27, -8.61, -0.20
CIELCh	35, 8.612, 181.354
Yxy	8.6342, 0.2870, 0.3401
Android (android.graphics.Color)	4282603347 (0xFF435753)
YUV	80.5640, 1.2009, -11.8956
Hunter-Lab	29.3840, -7.1721, 1.4682

Details

The YUV color **80.5640, 1.2009, -11.8956** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **73.4360, -1.2009, 11.8956**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.8520, 1.0590, -13.0252**, and **35.8630, 1.0535, -11.2809** is the 20% darker color. If you saturate the color by 10%, you get **77.6450, 1.6540, -17.2287**, and if you desaturate by 10%, it is **83.4830, 0.7479, -6.5626**.

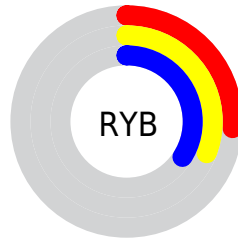
Distribution



 Red (26%)

 Green (34%)

 Blue (33%)



 Red (26%)

 Yellow (31%)

 Blue (34%)

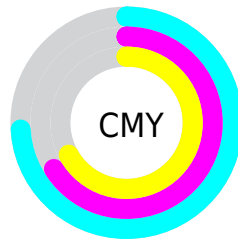


 Cyan (23%)

 Magenta (0%)

 Yellow (5%)

 Black (66%)



 Cyan (74%)

 Magenta (66%)

 Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.5640, 1.2009, -11.8956 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 80.5640, 1.2009, -11.8956 by changing the saturation by 10% instead.

■ 80.5640, 1.2009,
-11.8956

■ 80.5640, 1.2009,
-11.8956

■ 255.0000, 0.0000,
0.0000

■ 57.5640, 1.2009,
-11.8956

■ 129.8520, 1.0590,
-13.0252

■ 35.8630, 1.0535,
-11.2809

■ 155.8520, 1.0590,
-13.0252

■ 14.9660, 1.4958,
-13.1252

■ 182.8520, 1.0590,
-13.0252

■ 0.0000, 0.0000,
0.0000

■ 210.5530, 1.2064,
-13.6400

■ 238.5530, 1.2064,
-13.6400

■ 254.1030, 0.4422,

-1.8443

■ 80.5640, 1.2009,
-11.8956

■ 80.5640, 1.2009,
-11.8956

■ 77.6450, 1.6540,
-17.2287

■ 83.4830, 0.7479,
-6.5626

■ 75.1390, 2.3965,
-22.0469

■ 85.9890, 0.0054,
-1.7444

■ 72.2200, 2.8495,
-27.3799

■ 88.9080, -0.4476,
3.5887

■ 69.3010, 3.3026,
-32.7130

■ 91.8270, -0.9007,
8.9217

■ 66.3820, 3.7557,
-38.0460

■ 94.7460, -1.3538,
14.2548

■ 63.8760, 4.4981,
-42.8643

■ 97.2520, -2.0962,
19.0730

■ 60.9570, 4.9512,
-48.1973

■ 100.1710, -2.5493,
24.4060

■ 59.0490, 5.3988,
-51.7860

■ 103.0900, -3.0024,
29.7391

■ 105.7100, -3.3080,
34.4573

Harmonies

Analogous

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



80.9730, -2.4517, -6.9923



80.5640, 1.2009, -11.8956



80.7640, 4.5533, -13.8250

Triad

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



80.5640, 1.2009, -11.8956



83.7920, 5.5255, 1.0594



83.1600, -5.9949, 9.5067

Complementary

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



80.5640, 1.2009, -11.8956



73.4360, -1.2009, 11.8956

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.



84.0400, -3.9637, 11.3659



80.5640, 1.2009, -11.8956



84.1410, 2.8885, 6.8923

Square

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



80.5640, 1.2009, -11.8956



82.5030, 7.1470, -5.7031



84.2510, -0.6167, 11.1809



82.8990, -6.8522, 4.4736

Rectangle

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



80.5640, 1.2009, -11.8956



81.1170, 5.8583, -12.3806



84.2510, -0.6167, 11.1809



83.8720, -5.8529, 10.6363

Sweetspot

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



80.5640, 1.2009, -11.8956



109.4940, 0.7425, -4.8182



79.9360, -6.3774, -7.8369



54.6900, 0.1528, -2.3591



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



80.5640, 1.2009, -11.8956



102.0470, 1.9488, -18.4582



77.4980, 4.6845, -9.2067



41.6900, 0.1528, -2.3591



72.6130, 6.5998, -63.6816



159.3770, 14.1111, -139.7736

Inverse Universe

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



73.4360, -1.2009, 11.8956



90.9530, -1.9488, 18.4582



76.5020, -4.6845, 9.2067



40.3100, -0.1528, 2.3591



34.3870, -6.5998, 63.6816



75.6230, -14.1111, 139.7736

Previews

White Background



This preview shows how the YUV color 80.5640, 1.2009, -11.8956 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 80.5640, 1.2009, -11.8956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

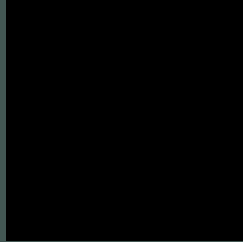
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.5640, 1.2009, -11.8956

Background



This preview shows how black text looks on a background with the YUV color 80.5640, 1.2009, -11.8956.



This preview shows how white text looks on a background with the YUV color 80.5640, 1.2009, -11.8956.

-11.8956.

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

80.5640, 1.2009, -11.8956

Protanopia

82.6690, -1.3158, 2.0443

Deuteranopia

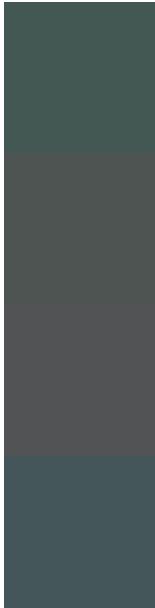
83.4460, 0.2731, 5.7479



Tritanopia

81.6010, 5.1267, -11.0511

Trichromacy



Original Color

80.5640, 1.2009, -11.8956

Protanomaly

81.8640, -0.4260, -3.3887

Deuteranomaly

82.8150, 0.5842, -0.7148

Tritanomaly

80.9600, 3.9637, -11.3659

Monochromacy



Original Color

80.5640, 1.2009, -11.8956

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

80.7930, 0.5951, -4.2035

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.5640, 1.2009, -11.8956 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(67, 87, 83)` looks like.

```
.text, #text, p{  
    color:rgb(67, 87, 83)  
}
```

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(67, 87, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 87, 83) }
```

Border

The CSS property to change the border of an element to YUV 80.5640, 1.2009, -11.8956 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(67, 87, 83) }
```


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

```
.border{ border-color:rgb(67, 87, 83) }
```

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

Here you see how a box with a 4 pixel rgb(67, 87, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 87, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 87, 83);  
box-shadow:4px 4px 4px 4px rgb(67, 87, 83)  
}
```

Background

The CSS property to change the background color of an element to YUV 80.5640, 1.2009, -11.8956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 87, 83) }
```

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

```
.background{ background-color: rgb(67, 87,  
83) }
```

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