

Converting Colors

YUV(80.8270, 18.8193,
-62.9923)

Have a look what the booklet for
YUV(80.8270, 18.8193, -62.9923)
contains.

YUV(80.8270, 18.8193, -62.9923)	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(80.8270, 18.8193,
-62.9923)**

Conversions

Conversions Part 1

Format	Color
Hex	096E77
RGB	9, 110, 119
RGB Percent	4%, 43%, 47%
CMY	0.9647, 0.5686, 0.5333
CMYK	0.92, 0.08, 0.00, 0.53
HSL	185°, 86%, 25%
HSV	185°, 92%, 47%
XYZ	9.0184, 12.5418, 19.3983
YIQ	80.8270, -63.0850, -18.6130

Conversions

Conversions Part 2

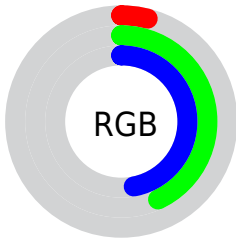
Format	Color
R_YB	9, 62, 119
Decimal	618103
CIE Lab	42.06, -22.23, -12.43
CIE LCh	42, 25.465, 209.207
Yxy	12.5418, 0.2202, 0.3062
Android (android.graphics.Color)	4278808183 (0xFF096E77)
YUV	80.8270, 18.8193, -62.9923
Hunter-Lab	35.4145, -16.5200, -7.6859

Details

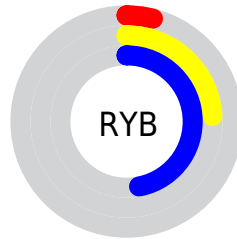
The YUV color **80.8270, 18.8193, -62.9923** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **47.1730, -18.8193, 62.9923**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.5080, 16.0186, -51.3115**, and **44.4880, 13.0704, -39.0160** is the 20% darker color. If you saturate the color by 10%, you get **77.5490, 20.4353, -68.0105**, and if you desaturate by 10%, it is **85.0020, 16.7610, -56.1298**.

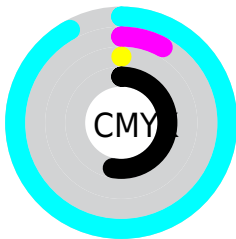
Distribution



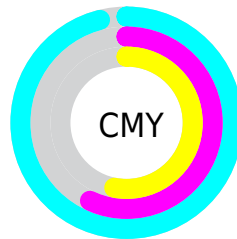
- Red (4%)
- Green (43%)
- Blue (47%)



- Red (4%)
- Yellow (24%)
- Blue (47%)



- Cyan (92%)
- Magenta (8%)
- Yellow (0%)
- Black (53%)



- Cyan (96%)
- Magenta (57%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.8270, 18.8193, -62.9923 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 80.8270, 18.8193, -62.9923 by changing the saturation by 10% instead.

80.8270, 18.8193,
-62.9923

80.8270, 18.8193,
-62.9923

255.0000, 0.0000,
0.0000

60.6110, 16.4608,
-53.1558

138.5080, 16.0186,
-51.3115

44.4880, 13.0704,
-39.0160

165.8070, 15.8711,
-50.6967

28.9520, 9.3907,
-25.3909

193.8070, 15.8711,
-50.6967

11.9970, 7.8895,
-10.5214

222.8070, 15.8711,
-50.6967

0.0000, 0.0000,
0.0000

236.4620, 9.1392,
-38.1162

245.4320, 4.7170,

-19.6729

254.1030, 0.4422,
-1.8443

■ 80.8270, 18.8193,
-62.9923

■ 80.8270, 18.8193,
-62.9923

■ 77.5490, 20.4353,
-68.0105

■ 85.0020, 16.7610,
-56.1298

■ 89.1770, 14.7027,
-49.2672

■ 93.3520, 12.6445,
-42.4047

■ 97.5270, 10.5862,
-35.5422

■ 101.4030, 8.6753,
-29.2944

■ 105.5780, 6.6170,
-22.4319

■ 109.7530, 4.5588,
-15.5694

■ 113.9280, 2.5005,
-8.7069

■ 118.1030, 0.4422,
-1.8443

Harmonies

Analogous

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



87.1040, 5.3717, -43.0642



80.8270, 18.8193, -62.9923



87.1690, 23.5807, -50.1372

Triad

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



80.8270, 18.8193, -62.9923



102.2380, 9.2497, 19.9623



98.1100, -20.2672, 13.9355

Complementary

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



80.8270, 18.8193, -62.9923



47.1730, -18.8193, 62.9923

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.



99.5830, -17.5424, 26.6757



80.8270, 18.8193, -62.9923



101.4970, -0.2450, 32.0131

Square

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



80.8270, 18.8193, -62.9923



100.8810, 17.3137, 0.1044



100.5760, -10.1440, 33.6978



95.6240, -16.5766, -3.1782

Rectangle

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



80.8270, 18.8193, -62.9923



93.7520, 22.8003, -33.1085



100.5760, -10.1440, 33.6978



98.2570, -19.8467, 19.0686

Sweetspot

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



80.8270, 18.8193, -62.9923



140.4960, 7.6435, -24.9910



74.3680, -28.7754, -57.3277



69.7530, 4.5588, -15.5694



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



80.8270, 18.8193, -62.9923



101.7250, 26.7576, -89.2128



49.7160, 34.1570, -35.7079



56.6190, 1.1738, -3.1739



79.6520, 20.8776, -69.8548



162.9230, 42.9290, -142.8835

Inverse Universe

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



53.4040, 27.9018, 57.5277



62.9460, 39.4666, 81.6084



78.2840, -34.1570, 35.7079



55.3640, 1.2995, 3.1888



49.2460, 30.9377, 63.8053



100.8560, 63.1750, 130.7993

Previews

White Background



This preview shows how the YUV color 80.8270, 18.8193, -62.9923 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 80.8270, 18.8193, -62.9923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

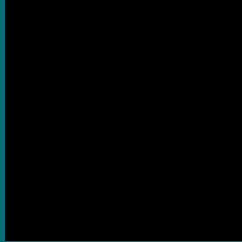
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.8270, 18.8193, -62.9923

Background



This preview shows how black text looks on a background with the YUV color 80.8270, 18.8193, -62.9923.

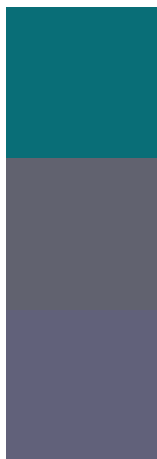


This preview shows how white text looks on a background with the YUV color 80.8270, 18.8193,

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

80.8270, 18.8193, -62.9923

Protanopia

99.1830, 5.8258, -1.9145

Deuteranopia

99.8500, 10.9199, -2.4995



Tritanopia

80.8270, 18.8193, -62.9923

Trichromacy



Original Color

80.8270, 18.8193, -62.9923

Protanomaly

92.3050, 10.6956, -23.9465

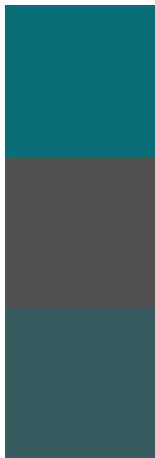
Deuteranomaly

93.1030, 13.7532, -24.6463

Tritanomaly

80.8270, 18.8193, -62.9923

Monochromacy



Original Color

80.8270, 18.8193, -62.9923

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.2790, 6.7645, -23.0467

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.8270, 18.8193, -62.9923 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(9, 110, 119)` looks like.

```
.text, #text, p{  
    color:rgb(9, 110, 119)  
}
```

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(9, 110, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 110, 119) }
```

Border

The CSS property to change the border of an element to YUV 80.8270, 18.8193, -62.9923 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(9, 110, 119) }
```


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

```
.border{ border-color:rgb(9, 110, 119) }
```

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

Here you see how a box with a 4 pixel rgb(9, 110, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 110, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 110, 119);  
box-shadow:4px 4px 4px 4px rgb(9, 110,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 80.8270, 18.8193, -62.9923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 110, 119) }
```

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

```
.background{ background-color: rgb(9, 110,  
119) }
```

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