

Converting Colors

YUV(80.1810, 8.7848, -17.6987)

Have a look what the booklet for
YUV(80.1810, 8.7848, -17.6987)
contains.

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Color

**YUV(80.1810, 8.7848,
-17.6987)**

Conversions

Conversions Part 1

Format	Color
Hex	3C5762
RGB	60, 87, 98
RGB Percent	24%, 34%, 38%
CMY	0.7647, 0.6588, 0.6157
CMYK	0.39, 0.11, 0.00, 0.62
HSL	197°, 24%, 31%
HSV	197°, 39%, 38%
XYZ	7.4763, 8.6589, 12.8326
YIQ	80.1810, -19.6230, -2.3030

Conversions

Conversions Part 2

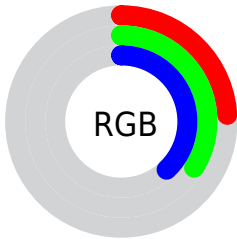
Format	Color
RYB	60, 76, 98
Decimal	3954530
CIELab	35.32, -6.97, -9.58
CIElCh	35, 11.844, 233.951
Yxy	8.6589, 0.2581, 0.2989
Android (android.graphics.Color)	4282144610 (0xFF3C5762)
YUV	80.1810, 8.7848, -17.6987
Hunter-Lab	29.4260, -6.1439, -5.2580

Details

The YUV color **80.1810, 8.7848, -17.6987** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **77.8190, -8.7848, 17.6987**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.9960, 9.3690, -18.4135**, and **34.4690, 8.6428, -18.8283** is the 20% darker color. If you saturate the color by 10%, you get **75.4300, 11.1270, -22.3021**, and if you desaturate by 10%, it is **84.9320, 6.4425, -13.0954**.

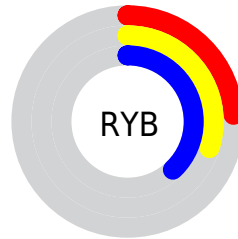
Distribution



Red (24%)

Green (34%)

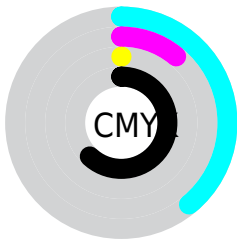
Blue (38%)



Red (24%)

Yellow (30%)

Blue (38%)

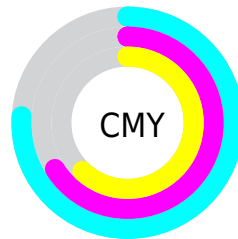


Cyan (39%)

Magenta (11%)

Yellow (0%)

Black (62%)



Cyan (76%)

Magenta (66%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.1810, 8.7848, -17.6987 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 80.1810, 8.7848, -17.6987 by changing the saturation by 10% instead.

80.1810, 8.7848,
-17.6987

80.1810, 8.7848,
-17.6987

255.0000, 0.0000,
0.0000

57.0670, 8.3480,
-17.5988

129.9960, 9.3690,
-18.4135

34.4690, 8.6428,
-18.8283

155.9960, 9.3690,
-18.4135

16.3340, 6.7373,
-14.3249

182.8110, 9.9532,
-19.1282

0.4560, 1.7472,
-0.3999

210.8110, 9.9532,
-19.1282

0.0000, 0.0000,
0.0000

238.3550, 8.2060,
-18.7283

252.0100, 1.4741,

-6.1478

■ 80.1810, 8.7848,
-17.6987

■ 80.1810, 8.7848,
-17.6987

■ 75.4300, 11.1270,
-22.3021

■ 84.9320, 6.4425,
-13.0954

■ 70.6790, 13.4693,
-26.9055

■ 89.6830, 4.1003,
-8.4920

■ 66.2270, 15.6641,
-30.8941

■ 94.1350, 1.9054,
-4.5034

■ 62.0630, 17.7169,
-36.0123

■ 98.2990, -0.1474,
0.6148

■ 57.3120, 20.0592,
-40.6156

■ 103.0500, -2.4896,
5.2182

■ 52.5610, 22.4014,
-45.2190

■ 107.8010, -4.8319,
9.8215

■ 52.2620, 22.5488,
-45.8338

■ 112.5520, -7.1741,
14.4249

■ 117.0040, -9.3690,
18.4135

■ 121.7550,
-11.7112, 23.0169

Harmonies

Analogous

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



78.9590, 5.4432, -19.2580



80.1810, 8.7848, -17.6987



81.8660, 9.9261, -10.4065

Triad

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



80.1810, 8.7848, -17.6987



85.0880, -0.0434, 13.9548



81.9370, -7.8569, 0.0553

Complementary

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



80.1810, 8.7848, -17.6987



77.8190, -8.7848, 17.6987

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.



82.9380, -9.3364, 7.9474



80.1810, 8.7848, -17.6987



84.6600, -4.2694, 16.0842

Square

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



80.1810, 8.7848, -17.6987



84.6080, 4.6303, 8.2368



84.0250, -7.9003, 14.0101



80.5060, -4.1935, -8.3368

Rectangle

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



80.1810, 8.7848, -17.6987



82.9700, 8.8888, -4.3587



84.0250, -7.9003, 14.0101



82.4320, -8.5940, 3.1291

Sweetspot

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



80.1810, 8.7848, -17.6987



120.2810, 3.8055, -7.2624



83.5600, -6.1921, -20.6621



59.5480, 2.1948, -3.9886



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



80.1810, 8.7848, -17.6987



99.4940, 14.0535, -27.6202



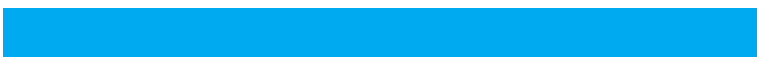
69.0280, 14.2832, -7.9176



46.2170, 0.8790, -1.9443



59.7280, 25.7701, -52.3815



127.1500, 55.6351, -111.5105

Inverse Universe

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



74.4400, 6.1921, 20.6621



90.7280, 9.5011, 32.6875



88.9720, -14.2832, 7.9176



45.5380, 0.7208, 2.1592



42.6080, 18.4343, 60.8568



91.1400, 38.8780, 130.5502

Previews

White Background



This preview shows how the YUV color 80.1810, 8.7848, -17.6987 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 80.1810, 8.7848, -17.6987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

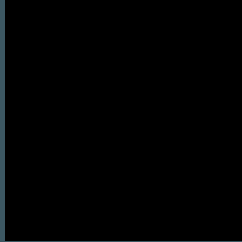
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

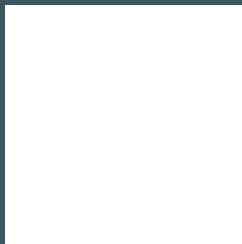
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 80.1810, 8.7848, -17.6987

Background



This preview shows how black text looks on a background with the YUV color 80.1810, 8.7848, -17.6987.



This preview shows how white text looks on a background with the YUV color 80.1810, 8.7848, -17.6987.

-17.6987.

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

80.1810, 8.7848, -17.6987

Protanopia

83.1830, 5.8258, -1.9145

Deuteranopia

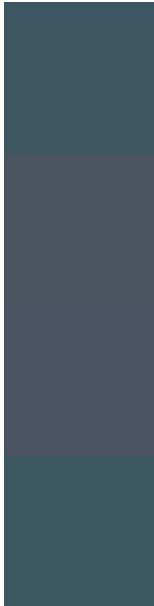
83.6500, 7.5675, -0.5701



Tritanopia

80.1270, 7.3324, -18.5284

Trichromacy



Original Color

80.1810, 8.7848, -17.6987

Protanomaly

82.0790, 6.8631, -7.9623

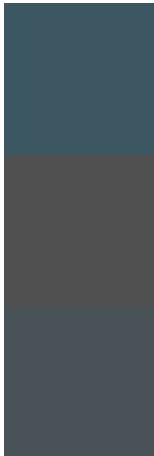
Deuteranomaly

82.4320, 8.1680, -6.5179

Tritanomaly

80.2410, 7.7692, -18.6284

Monochromacy



Original Color

80.1810, 8.7848, -17.6987

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.4660, 3.2213, -6.5477

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.1810, 8.7848, -17.6987 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(60, 87, 98)` looks like.

```
.text, #text, p{  
    color:rgb(60, 87, 98)  
}
```

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(60, 87, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 87, 98) }
```

Border

The CSS property to change the border of an element to YUV 80.1810, 8.7848, -17.6987 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(60, 87, 98) }
```


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

```
.border{ border-color:rgb(60, 87, 98) }
```

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

Here you see how a box with a 4 pixel rgb(60, 87, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 87, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 87, 98);  
box-shadow:4px 4px 4px 4px rgb(60, 87, 98)  
}
```

Background

The CSS property to change the background color of an element to YUV 80.1810, 8.7848, -17.6987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 87, 98) }
```

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

```
.background{ background-color: rgb(60, 87,  
98) }
```

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](#).

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