

Converting Colors

YUV(80.3880, 18.0497,
-49.4523)

Have a look what the booklet for
YUV(80.3880, 18.0497, -49.4523)
contains.

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Color

**YUV(80.3880, 18.0497,
-49.4523)**

Conversions

Conversions Part 1

Format	Color
Hex	186675
RGB	24, 102, 117
RGB Percent	9%, 40%, 46%
CMY	0.9059, 0.6000, 0.5412
CMYK	0.79, 0.13, 0.00, 0.54
HSL	190°, 66%, 28%
HSV	190°, 79%, 46%
XYZ	8.3389, 10.9813, 18.5097
YIQ	80.3880, -51.3030, -11.8710

Conversions

Conversions Part 2

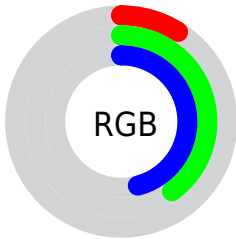
Format	Color
RYB	24, 66, 117
Decimal	1599093
CIELab	39.55, -17.26, -15.02
CIELCh	40, 22.880, 221.026
Yxy	10.9813, 0.2204, 0.2903
Android (android.graphics.Color)	4279789173 (0xFF186675)
YUV	80.3880, 18.0497, -49.4523
Hunter-Lab	33.1380, -13.0733, -9.9207

Details

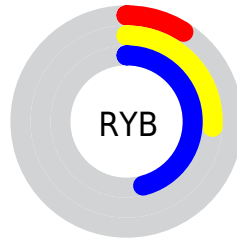
The YUV color **80.3880, 18.0497, -49.4523** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **60.6120, -18.0497, 49.4523**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.4920, 17.0124, -43.4045**, and **40.1510, 14.2226, -35.2124** is the 20% darker color. If you saturate the color by 10%, you get **75.6260, 20.3974, -55.8000**, and if you desaturate by 10%, it is **85.1500, 15.7020, -43.1046**.

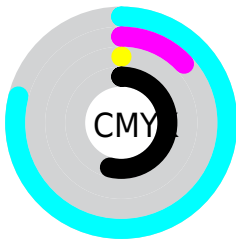
Distribution



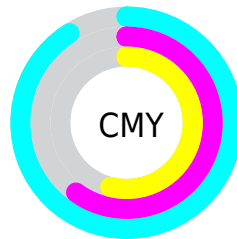
- Red (9%)
- Green (40%)
- Blue (46%)



- Red (9%)
- Yellow (26%)
- Blue (46%)



- Cyan (79%)
- Magenta (13%)
- Yellow (0%)
- Black (54%)



- Cyan (91%)
- Magenta (60%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.3880, 18.0497, -49.4523 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 80.3880, 18.0497, -49.4523 by changing the saturation by 10% instead.

80.3880, 18.0497,
-49.4523

80.3880, 18.0497,
-49.4523

255.0000, 0.0000,
0.0000

56.2740, 17.6129,
-49.3523

134.4920, 17.0124,
-43.4045

40.1510, 14.2226,
-35.2124

161.4920, 17.0124,
-43.4045

24.6150, 10.5428,
-21.5874

189.4920, 17.0124,
-43.4045

3.5510, 11.0674,
-3.1142

217.6060, 17.4492,
-43.5045

0.0000, 0.0000,
0.0000

237.3590, 8.6970,
-36.2718

246.0300, 4.4222,

-18.4433

254.7010, 0.1474,
-0.6148

■ 80.3880, 18.0497,
-49.4523

■ 80.3880, 18.0497,
-49.4523

■ 75.6260, 20.3974,
-55.8000

■ 85.1500, 15.7020,
-43.1046

■ 71.1630, 22.5976,
-61.5330

■ 89.6130, 13.5018,
-37.3716

■ 70.8640, 22.7450,
-62.1477

■ 94.3750, 11.1541,
-31.0239

■ 99.1370, 8.8065,
-24.6761

■ 103.0130, 6.8956,
-18.4284

■ 107.7750, 4.5479,
-12.0807

■ 112.5370, 2.2003,
-5.7329

■ 117.2990, -0.1474,
0.6148

■ 121.7620, -2.3477,
6.3477

Harmonies

Analogous

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



81.4290, 9.1555, -43.3492



80.3880, 18.0497, -49.4523



86.4700, 20.4743, -33.7382

Triad

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



80.3880, 18.0497, -49.4523



95.5220, 5.1657, 23.2212



91.1630, -17.3354, 6.8730

Complementary

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



80.3880, 18.0497, -49.4523



60.6120, -18.0497, 49.4523

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.



92.9520, -17.2313, 20.2131



80.3880, 18.0497, -49.4523



95.1610, -4.0234, 30.5538

Square

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



80.3880, 18.0497, -49.4523



95.3720, 12.6346, 7.5668



94.0870, -11.8749, 28.8647



88.7310, -12.1924, -9.4111

Rectangle

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



80.3880, 18.0497, -49.4523



90.9170, 19.2679, -20.0982



94.0870, -11.8749, 28.8647



91.7830, -17.6410, 11.5913

Sweetspot

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



80.3880, 18.0497, -49.4523



138.4150, 7.1904, -19.6580



80.1870, -20.7982, -49.2760



67.7750, 4.5479, -12.0807



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



80.3880, 18.0497, -49.4523



96.1440, 28.0300, -77.3023



53.9730, 31.0723, -26.2863



56.6190, 1.1738, -3.1739



74.3690, 23.4821, -65.2216



151.7700, 48.4274, -133.1023

Inverse Universe

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



60.6990, 20.3614, 49.3760



65.2630, 31.9153, 76.9453



87.0270, -31.0723, 26.2863



55.3640, 1.2995, 3.1888



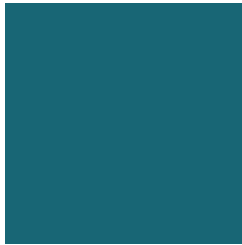
48.2200, 27.0065, 64.7051



98.6900, 54.8758, 132.6989

Previews

White Background



This preview shows how the YUV color 80.3880, 18.0497, -49.4523 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 80.3880, 18.0497, -49.4523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

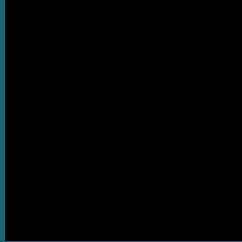
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.3880, 18.0497, -49.4523

Background



This preview shows how black text looks on a background with the YUV color 80.3880, 18.0497, -49.4523.

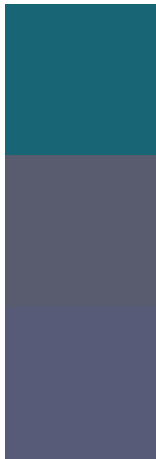


This preview shows how white text looks on a background with the YUV color 80.3880, 18.0497,

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

80.3880, 18.0497, -49.4523

Protanopia

93.1550, 8.3046, -3.6439

Deuteranopia

93.2950, 12.6726, -4.6437



Tritanopia

78.4970, 16.0240, -53.0559

Trichromacy



Original Color

80.3880, 18.0497, -49.4523

Protanomaly

88.6690, 11.9952, -20.7577

Deuteranomaly

88.6520, 14.4686, -20.7428

Tritanomaly

79.3230, 16.6028, -52.0263

Monochromacy



Original Color

80.3880, 18.0497, -49.4523

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.1980, 6.3114, -17.7136

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.3880, 18.0497, -49.4523 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(24, 102, 117)` looks like.

```
.text, #text, p{  
    color:rgb(24, 102, 117)  
}
```

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(24, 102, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 102, 117) }
```

Border

The CSS property to change the border of an element to YUV 80.3880, 18.0497, -49.4523 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(24, 102, 117) }
```


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

```
.border{ border-color:rgb(24, 102, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 102, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 102, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 102, 117);  
box-shadow:4px 4px 4px 4px rgb(24, 102,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 80.3880, 18.0497, -49.4523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 102, 117) }
```

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

```
.background{ background-color: rgb(24, 102,  
117) }
```

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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