

Converting Colors

YUV(79.8160, 18.8247,
-64.7366)

Have a look what the booklet for
YUV(79.8160, 18.8247, -64.7366)
contains.

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Color

**YUV(79.8160, 18.8247,
-64.7366)**

Conversions

Conversions Part 1

Format	Color
Hex	066E76
RGB	6, 110, 118
RGB Percent	2%, 43%, 46%
CMY	0.9765, 0.5686, 0.5373
CMYK	0.95, 0.07, 0.00, 0.54
HSL	184°, 90%, 24%
HSV	184°, 95%, 46%
XYZ	8.9210, 12.4986, 19.0818
YIQ	79.8160, -64.5520, -19.5600

Conversions

Conversions Part 2

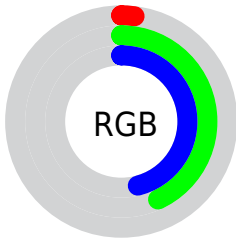
Format	Color
RYB	6, 60, 118
Decimal	421494
CIELab	42.00, -22.76, -11.93
CIELCh	42, 25.697, 207.652
Yxy	12.4986, 0.2203, 0.3086
Android (android.graphics.Color)	4278611574 (0xFF066E76)
YUV	79.8160, 18.8247, -64.7366
Hunter-Lab	35.3533, -16.8257, -7.2542

Details

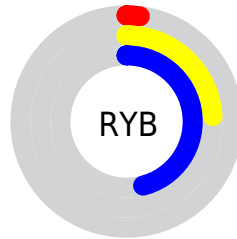
The YUV color **79.8160, 18.8247, -64.7366** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **44.1840, -18.8247, 64.7366**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.0950, 15.7292, -51.8263**, and **44.3740, 12.6336, -38.9160** is the 20% darker color. If you saturate the color by 10%, you get **78.0220, 19.7092, -68.4253**, and if you desaturate by 10%, it is **83.9910, 16.7664, -57.8741**.

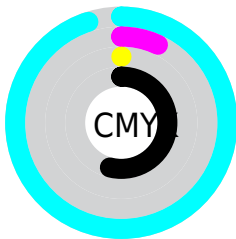
Distribution



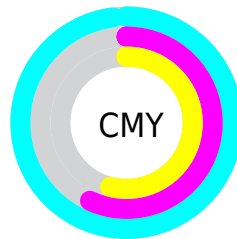
- Red (2%)
- Green (43%)
- Blue (46%)



- Red (2%)
- Yellow (24%)
- Blue (46%)



- Cyan (95%)
- Magenta (7%)
- Yellow (0%)
- Black (54%)



- Cyan (98%)
- Magenta (57%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.8160, 18.8247, -64.7366 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 79.8160, 18.8247, -64.7366 by changing the saturation by 10% instead.

79.8160, 18.8247,
-64.7366

79.8160, 18.8247,
-64.7366

255.0000, 0.0000,
0.0000

60.4970, 16.0240,
-53.0559

138.0950, 15.7292,
-51.8263

44.3740, 12.6336,
-38.9160

165.3940, 15.5818,
-51.2115

28.8380, 8.9539,
-25.2909

193.6930, 15.4344,
-50.5968

11.8830, 7.4527,
-10.4214

222.3940, 15.5818,
-51.2115

0.0000, 0.0000,
0.0000

236.1630, 9.2866,
-38.7310

245.1330, 4.8644,

-20.2876

253.8040, 0.5896,
-2.4591

■ 79.8160, 18.8247,
-64.7366

■ 79.8160, 18.8247,
-64.7366

■ 78.0220, 19.7092,
-68.4253

■ 83.9910, 16.7664,
-57.8741

■ 88.1660, 14.7082,
-51.0116

■ 92.0420, 12.7973,
-44.7638

■ 95.6300, 11.0284,
-37.3865

■ 99.8050, 8.9701,
-30.5240

■ 103.9800, 6.9119,
-23.6615

■ 108.1550, 4.8536,
-16.7989

■ 112.0310, 2.9427,
-10.5512

■ 116.2060, 0.8844,
-3.6887

Harmonies

Analogous

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



87.2890, 4.7875, -42.3495



79.8160, 18.8247, -64.7366



85.8590, 23.7335, -52.4963

Triad

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



79.8160, 18.8247, -64.7366



102.0530, 9.8339, 19.2475



97.8220, -20.1252, 15.0651

Complementary

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



79.8160, 18.8247, -64.7366



44.1840, -18.8247, 64.7366

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.



99.2950, -17.4004, 27.8053



79.8160, 18.8247, -64.7366



101.6110, 0.1918, 31.9132

Square

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



79.8160, 18.8247, -64.7366



100.3970, 18.0453, -1.2252



100.4020, -9.5652, 34.7274



95.8090, -17.1608, -2.4635

Rectangle

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



79.8160, 18.8247, -64.7366



92.8550, 23.2425, -34.9528



100.4020, -9.5652, 34.7274



98.5560, -19.9941, 19.6834

Sweetspot

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



79.8160, 18.8247, -64.7366



138.3820, 7.2067, -24.8910



72.5420, -29.3542, -58.3573



67.7530, 4.5588, -15.5694



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.



79.8160, 18.8247, -64.7366



100.7960, 25.7366, -88.3981



47.5310, 34.7412, -36.4227



56.6190, 1.1738, -3.1739



80.8260, 20.2988, -70.8844



164.6840, 42.0608, -144.4279

Inverse Universe

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



51.3440, 28.9174, 58.4573



61.9350, 39.4720, 79.8640



76.4690, -34.7412, 36.4227



55.3640, 1.2995, 3.1888



49.4740, 31.8113, 63.6053



101.1980, 64.4854, 130.4994

Previews

White Background



This preview shows how the YUV color 79.8160, 18.8247, -64.7366 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 79.8160, 18.8247, -64.7366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

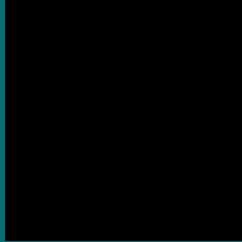
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.8160, 18.8247, -64.7366

Background



This preview shows how black text looks on a background with the YUV color 79.8160, 18.8247, -64.7366.



This preview shows how white text looks on a background with the YUV color 79.8160, 18.8247,

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

79.8160, 18.8247, -64.7366

Protanopia

99.0690, 5.3890, -1.8145

Deuteranopia

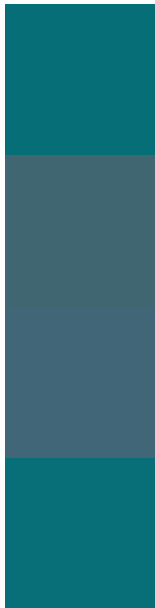
99.7360, 10.4832, -2.3995



Tritanopia

80.8270, 18.8193, -62.9923

Trichromacy



Original Color

79.8160, 18.8247, -64.7366

Protanomaly

91.8920, 10.4062, -24.4613

Deuteranomaly

92.6900, 13.4638, -25.1611

Tritanomaly

80.5280, 18.9667, -63.6071

Monochromacy



Original Color

79.8160, 18.8247, -64.7366

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.9800, 6.9119, -23.6615

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.8160, 18.8247, -64.7366 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(6, 110, 118)` looks like.

```
.text, #text, p{  
    color:rgb(6, 110, 118)  
}
```

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(6, 110, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 110, 118) }
```

Border

The CSS property to change the border of an element to YUV 79.8160, 18.8247, -64.7366 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(6, 110, 118) }
```


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

```
.border{ border-color:rgb(6, 110, 118) }
```

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

Here you see how a box with a 4 pixel rgb(6, 110, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 110, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 110, 118);  
box-shadow:4px 4px 4px 4px rgb(6, 110,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 79.8160, 18.8247, -64.7366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 110, 118) }
```

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

```
.background{ background-color: rgb(6, 110,  
118) }
```

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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