

Converting Colors

YUV(79.2030, 15.1829,
-63.3220)

Have a look what the booklet for
YUV(79.2030, 15.1829, -63.3220)
contains.

YUV(79.2030, 15.1829, -63.3220)	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(79.2030, 15.1829,
-63.3220)**

Conversions

Conversions Part 1

Format	Color
Hex	076E6E
RGB	7, 110, 110
RGB Percent	3%, 43%, 43%
CMY	0.9725, 0.5686, 0.5686
CMYK	0.94, 0.00, 0.00, 0.57
HSL	180°, 88%, 23%
HSV	180°, 94%, 43%
XYZ	8.4780, 12.3228, 16.6836
YIQ	79.2030, -61.3880, -21.8360

Conversions

Conversions Part 2

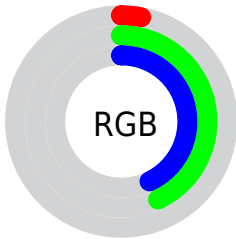
Format	Color
RYB	7, 59, 110
Decimal	487022
CIELab	41.72, -25.41, -7.50
CIELCh	42, 26.493, 196.437
Yxy	12.3228, 0.2262, 0.3287
Android (android.graphics.Color)	4278677102 (0xFF076E6E)
YUV	79.2030, 15.1829, -63.3220
Hunter-Lab	35.1039, -18.3218, -3.6056

Details

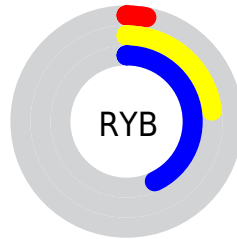
The YUV color **79.2030, 15.1829, -63.3220** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **37.7970, -15.1829, 63.3220**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.7700, 11.9454, -51.5413**, and **43.5760, 9.5760, -38.2162** is the 20% darker color. If you saturate the color by 10%, you get **77.1100, 16.2148, -67.6255**, and if you desaturate by 10%, it is **82.4920, 13.5614, -56.5595**.

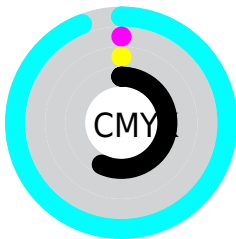
Distribution



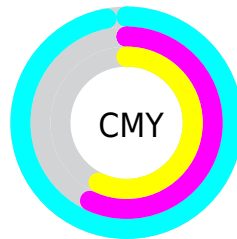
- Red (3%)
- Green (43%)
- Blue (43%)



- Red (3%)
- Yellow (23%)
- Blue (43%)



- Cyan (94%)
- Magenta (0%)
- Yellow (0%)
- Black (57%)



- Cyan (97%)
- Magenta (57%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 79.2030, 15.1829, -63.3220 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 79.2030, 15.1829, -63.3220 by changing the saturation by 10% instead.

■ 79.2030, 15.1829,
-63.3220

■ 79.2030, 15.1829,
-63.3220

■ 255.0000, 0.0000,
0.0000

■ 59.6990, 12.9664,
-52.3560

■ 136.7700, 11.9454,
-51.5413

■ 43.5760, 9.5760,
-38.2162

■ 164.0690, 11.7980,
-50.9265

■ 27.5670, 6.6225,
-24.1763

■ 192.0690, 11.7980,
-50.9265

■ 10.0250, 5.4107,
-8.7919

■ 220.7700, 11.9454,
-51.5413

■ 0.0000, 0.0000,
0.0000

■ 235.8640, 9.4340,
-39.3457

■ 244.5350, 5.1592,

-21.5172

253.2060, 0.8844,
-3.6887

79.2030, 15.1829,
-63.3220

79.2030, 15.1829,
-63.3220

77.1100, 16.2148,
-67.6255

82.4920, 13.5614,
-56.5595

85.7810, 11.9400,
-49.7969

89.0700, 10.3185,
-43.0344

92.3590, 8.6970,
-36.2718

95.6480, 7.0755,
-29.5093

■ 98.9370, 5.4541,
-22.7467

■ 102.2260, 3.8326,
-15.9842

■ 105.5150, 2.2111,
-9.2217

■ 108.8040, 0.5896,
-2.4591

Harmonies

Analogous

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



88.0680, -0.0335, -36.0166



79.2030, 15.1829, -63.3220



78.1020, 25.0927, -68.4955

Triad

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



79.2030, 15.1829, -63.3220



101.0460, 13.7813, 13.1147



97.7410, -20.5783, 20.3981

Complementary

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



79.2030, 15.1829, -63.3220



37.7970, -15.1829, 63.3220

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.



98.8980, -15.2327, 32.5385



79.2030, 15.1829, -63.3220



100.9250, 3.9810, 29.8838

Square

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



79.2030, 15.1829, -63.3220



98.0260, 20.6932, -10.5468



100.2110, -6.5130, 35.7720



95.8700, -19.6559, 4.4990

Rectangle

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



79.2030, 15.1829, -63.3220



87.2340, 25.0276, -47.5632



100.2110, -6.5130, 35.7720



98.1160, -19.2842, 25.3313

Sweetspot

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



79.2030, 15.1829, -63.3220



131.0400, 5.8963, -24.5911



67.4610, -29.8073, -53.0243



63.8240, 3.5378, -14.7546



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



79.2030, 15.1829, -63.3220



100.2430, 21.0792, -87.9131



49.2660, 29.9419, -37.0673



54.2060, 0.8844, -3.6887



84.1200, 17.6888, -73.7732



173.1470, 36.4095, -151.8499

Inverse Universe

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



49.5390, 29.8073, 53.0243



59.0590, 41.3829, 73.6163



68.3210, -30.2313, 36.5525



52.4780, 1.7363, 3.0888



49.5600, 34.7269, 61.7759



102.0110, 71.4796, 127.1554

Previews

White Background



This preview shows how the YUV color 79.2030, 15.1829, -63.3220 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 79.2030, 15.1829, -63.3220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

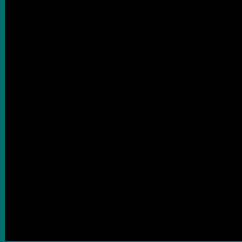
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.2030, 15.1829, -63.3220

Background



This preview shows how black text looks on a background with the YUV color 79.2030, 15.1829, -63.3220.



This preview shows how white text looks on a background with the YUV color 79.2030, 15.1829,

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

79.2030, 15.1829, -63.3220

Protanopia

98.7550, 1.5998, 0.2149

Deuteranopia

99.4330, 6.6885, 1.3743



Tritanopia

83.7140, 16.9030, -55.0002

Trichromacy



Original Color

79.2030, 15.1829, -63.3220

Protanomaly

91.5780, 6.6170, -22.4319

Deuteranomaly

92.0880, 9.8166, -22.0022

Tritanomaly

81.8770, 16.3296, -57.7741

Monochromacy



Original Color

79.2030, 15.1829, -63.3220

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.9370, 5.4541, -22.7467

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.2030, 15.1829, -63.3220 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(7, 110, 110)` looks like.

```
.text, #text, p{  
    color:rgb(7, 110, 110)  
}
```

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(7, 110, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 110, 110) }
```

Border

The CSS property to change the border of an element to YUV 79.2030, 15.1829, -63.3220 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(7, 110, 110) }
```


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

```
.border{ border-color:rgb(7, 110, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 110, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 110, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 110, 110);  
box-shadow:4px 4px 4px 4px rgb(7, 110,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 79.2030, 15.1829, -63.3220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 110, 110) }
```

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

```
.background{ background-color: rgb(7, 110,  
110) }
```

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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