

Converting Colors

YUV(73.2030, 15.1829,
-63.3220)

Have a look what the booklet for
YUV(73.2030, 15.1829, -63.3220)
contains.

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Color

**YUV(73.2030, 15.1829,
-63.3220)**

Conversions

Conversions Part 1

Format	Color
Hex	016868
RGB	1, 104, 104
RGB Percent	0%, 41%, 41%
CMY	0.9961, 0.5922, 0.5922
CMYK	0.99, 0.00, 0.00, 0.59
HSL	180°, 98%, 21%
HSV	180°, 99%, 41%
XYZ	7.4615, 10.9066, 14.8086
YIQ	73.2030, -61.3880, -21.8360

Conversions

Conversions Part 2

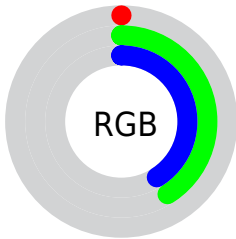
Format	Color
R _Y B	1, 53, 104
Decimal	92264
CIE Lab	39.42, -24.80, -7.30
CIE LCh	39, 25.850, 196.395
Yxy	10.9066, 0.2249, 0.3287
Android (android.graphics.Color)	4278282344 (0xFF016868)
YUV	73.2030, 15.1829, -63.3220
Hunter-Lab	33.0251, -17.4645, -3.4684

Details

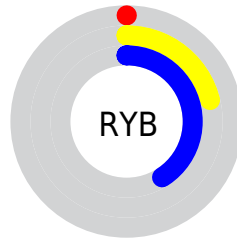
The YUV color **73.2030, 15.1829, -63.3220** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **31.7970, -15.1829, 63.3220**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.3680, 11.6506, -50.3117**, and **39.3700, 8.6916, -34.5275** is the 20% darker color. If you saturate the color by 10%, you get **72.9040, 15.3303, -63.9368**, and if you desaturate by 10%, it is **76.1930, 13.7089, -57.1743**.

Distribution



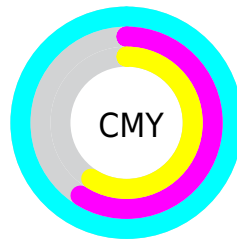
- Red (0%)
- Green (41%)
- Blue (41%)



- Red (0%)
- Yellow (21%)
- Blue (41%)



- Cyan (99%)
- Magenta (0%)
- Yellow (0%)
- Black (59%)



- Cyan (100%)
- Magenta (59%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.2030, 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 73.2030, 15.1829, -63.3220 by changing the saturation by 10% instead.

73.2030, 15.1829,
-63.3220

73.2030, 15.1829,
-63.3220

255.0000, 0.0000,
0.0000

56.0800, 11.7926,
-49.1822

131.3680, 11.6506,
-50.3117

39.3700, 8.6916,
-34.5275

158.6670, 11.5032,
-49.6970

24.6490, 5.5960,
-21.6172

185.9660, 11.3558,
-49.0822

2.2970, 6.2626,
-2.0145

214.6670, 11.5032,
-49.6970

0.0000, 0.0000,
0.0000

234.3690, 10.1711,
-42.4196

243.0400, 5.8963,

-24.5911

252.0100, 1.4741,
-6.1478

73.2030, 15.1829,
-63.3220

73.2030, 15.1829,
-63.3220

72.9040, 15.3303,
-63.9368

76.1930, 13.7089,
-57.1743

79.4820, 12.0874,
-50.4117

82.4720, 10.6133,
-44.2639

85.7610, 8.9918,
-37.5014

88.7510, 7.5178,
-31.3536

■ 91.7410, 6.0437,
-25.2059

■ 95.0300, 4.4222,
-18.4433

■ 98.0200, 2.9481,
-12.2955

■ 101.3090, 1.3267,
-5.5330

Harmonies

Analogous

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



82.6660, -0.3283, -34.7871



73.2030, 15.1829, -63.3220



73.8960, 24.2083, -64.8068

Triad

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



73.2030, 15.1829, -63.3220



95.5190, 13.0551, 12.6998



91.9690, -19.7047, 20.1982

Complementary

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



73.2030, 15.1829, -63.3220



31.7970, -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.



93.3000, -14.9379, 31.3089



73.2030, 15.1829, -63.3220



95.2130, 3.8390, 28.7542

Square

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



73.2030, 15.1829, -63.3220



92.7980, 19.8196, -10.3468



94.6130, -6.2182, 34.5424



90.0980, -18.7823, 4.2991

Rectangle

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



73.2030, 15.1829, -63.3220



82.0060, 24.1540, -47.3633



94.6130, -6.2182, 34.5424



92.6320, -18.5526, 24.0017

Sweetspot

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



73.2030, 15.1829, -63.3220



123.0400, 5.8963, -24.5911



61.4610, -29.8073, -53.0243



61.5250, 3.6852, -15.3694



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



73.2030, 15.1829, -63.3220



94.6350, 19.8999, -82.9949



43.2660, 29.9419, -37.0673



49.5050, 0.7370, -3.0739



80.6150, 16.9518, -70.6994



169.6420, 35.6725, -148.7760

Inverse Universe

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



43.5390, 29.8073, 53.0243



55.7550, 39.0678, 69.4979



62.3210, -30.2313, 36.5525



48.0650, 1.4470, 2.5740



47.4950, 33.2800, 59.2019



99.9460, 70.0326, 124.5814

Previews

White Background



This preview shows how the YUV color 73.2030, 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 73.2030, 15.1829, -63.3220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

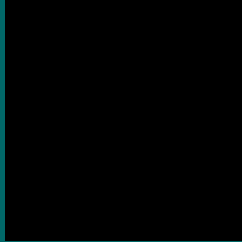
Any Text WCAG AA × Fail

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 73.2030, 15.1829, -63.3220 Background



This preview shows how black text looks on a background with the YUV color 73.2030, 15.1829, -63.3220.

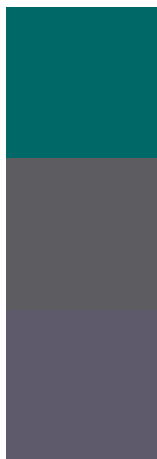


This preview shows how white text looks on a background with the YUV color 73.2030, 15.1829,

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

73.2030, 15.1829, -63.3220

Protanopia

92.8690, 2.0366, 0.1149

Deuteranopia

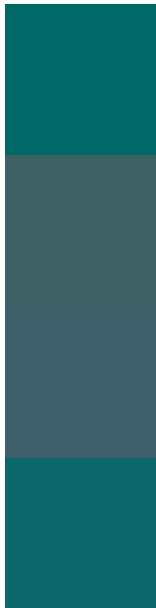
93.4330, 6.6885, 1.3743



Tritanopia

78.7960, 15.8766, -52.4411

Trichromacy



Original Color

73.2030, 15.1829, -63.3220

Protanomaly

85.6920, 7.0538, -22.5319

Deuteranomaly

86.0880, 9.8166, -22.0022

Tritanomaly

76.3610, 15.5980, -56.4446

Monochromacy



Original Color

73.2030, 15.1829, -63.3220

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.9370, 5.4541, -22.7467

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.2030, 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(1, 104, 104)` looks like.

```
.text, #text, p{  
    color:rgb(1, 104, 104)  
}
```

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(1, 104, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 104, 104) }
```

Border

The CSS property to change the border of an element to YUV 73.2030, 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(1, 104, 104) }
```


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

```
.border{ border-color:rgb(1, 104, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 104, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 104, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 104, 104);  
box-shadow:4px 4px 4px 4px rgb(1, 104,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 73.2030, 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(1, 104, 104) }
```

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

```
.background{ background-color: rgb(1, 104,  
104) }
```

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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