

Converting Colors

YUV(88.3620, 27.4295,
-71.3545)

Have a look what the booklet for
YUV(88.3620, 27.4295, -71.3545)
contains.

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Color

**YUV(88.3620, 27.4295,
-71.3545)**

Conversions

Conversions Part 1

Format	Color
Hex	077790
RGB	7, 119, 144
RGB Percent	3%, 47%, 56%
CMY	0.9725, 0.5333, 0.4353
CMYK	0.95, 0.17, 0.00, 0.44
HSL	191°, 91%, 30%
HSV	191°, 95%, 56%
XYZ	11.7185, 15.2524, 28.7119
YIQ	88.3620, -74.7770, -15.9690

Conversions

Conversions Part 2

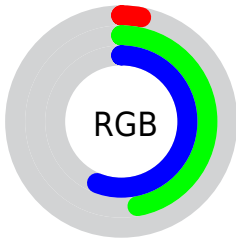
Format	Color
RYB	7, 69, 144
Decimal	489360
CIELab	45.98, -18.29, -21.39
CIELCh	46, 28.147, 229.470
Yxy	15.2524, 0.2105, 0.2739
Android (android.graphics.Color)	4278679440 (0xFF077790)
YUV	88.3620, 27.4295, -71.3545
Hunter-Lab	39.0544, -14.7852, -16.2507

Details

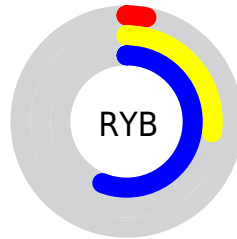
The YUV color **88.3620, 27.4295, -71.3545** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **62.6380, -27.4295, 71.3545**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.3640, 24.4705, -55.5702**, and **51.8060, 20.8016, -45.4339** is the 20% darker color. If you saturate the color by 10%, you get **85.6820, 28.7508, -75.1431**, and if you desaturate by 10%, it is **94.3090, 24.4977, -64.2920**.

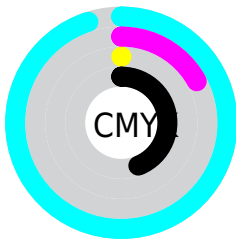
Distribution



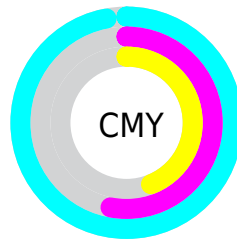
- Red (3%)
- Green (47%)
- Blue (56%)



- Red (3%)
- Yellow (27%)
- Blue (56%)



- Cyan (95%)
- Magenta (17%)
- Yellow (0%)
- Black (44%)



- Cyan (97%)
- Magenta (53%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.3620, 27.4295, -71.3545 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 88.3620, 27.4295, -71.3545 by changing the saturation by 10% instead.

88.3620, 27.4295,
-71.3545

88.3620, 27.4295,
-71.3545

255.0000, 0.0000,
0.0000

68.6300, 24.3394,
-60.1885

148.3640, 24.4705,
-55.5702

51.8060, 20.8016,
-45.4339

176.9620, 24.1757,
-54.3407

36.1560, 16.6851,
-31.7088

205.3750, 24.4651,
-53.8259

21.7940, 12.4266,
-19.1133

230.4820, 12.0874,
-50.4117

3.6650, 11.5042,
-3.2142

239.1530, 7.8126,
-32.5832

0.0000, 0.0000,
0.0000

247.8240, 3.5378,

-14.7546

■ 88.3620, 27.4295,
-71.3545

■ 88.3620, 27.4295,
-71.3545

■ 85.6820, 28.7508,
-75.1431

■ 94.3090, 24.4977,
-64.2920

■ 99.9680, 21.7078,
-56.0999

■ 105.9150, 18.7759,
-49.0375

■ 112.1610, 15.6966,
-41.3602

■ 117.5210, 13.0541,
-33.7829

■ 123.4680, 10.1223,
-26.7204

■ 129.1270, 7.3324,
-18.5284

■ 135.0740, 4.4005,
-11.4659

■ 141.3200, 1.3212,
-3.7886

Harmonies

Analogous

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



87.2560, 18.1148, -70.3845



88.3620, 27.4295, -71.3545



102.2290, 26.0161, -37.9118

Triad

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



88.3620, 27.4295, -71.3545



111.4200, 3.2439, 32.9577



105.6310, -20.5241, 2.9546

Complementary

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



88.3620, 27.4295, -71.3545



62.6380, -27.4295, 71.3545

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.



108.1710, -22.7623, 20.8980



88.3620, 27.4295, -71.3545



110.4780, -8.1237, 39.0458

Square

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



88.3620, 27.4295, -71.3545



111.7690, 13.9179, 15.9886



109.6270, -17.5641, 33.6531



102.5620, -12.6021, -18.0329

Rectangle

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



88.3620, 27.4295, -71.3545



107.6660, 23.3357, -18.1241



109.6270, -17.5641, 33.6531



106.6210, -21.9982, 9.1024

Sweetspot

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



88.3620, 27.4295, -71.3545



163.9840, 10.8539, -28.0500



90.0410, -29.6002, -72.8270



80.6110, 6.6008, -17.1988



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



88.3620, 27.4295, -71.3545



110.4280, 37.2570, -96.8454



49.6200, 46.5293, -37.3777



68.3200, 1.3212, -3.7886



79.9600, 27.1347, -70.1249



4.4340, 1.7580, -3.8886

Inverse Universe

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



60.7310, 28.7266, 73.0269



72.9420, 38.9756, 99.1519



101.3800, -46.5293, 37.3777



66.7770, 1.5889, 3.7036



52.9050, 28.1478, 71.9973



3.0760, 1.4415, 4.3183

Previews

White Background



This preview shows how the YUV color 88.3620, 27.4295, -71.3545 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 88.3620, 27.4295, -71.3545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

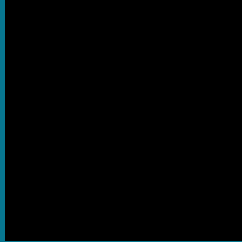
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.3620, 27.4295, -71.3545

Background



This preview shows how black text looks on a background with the YUV color 88.3620, 27.4295, -71.3545.

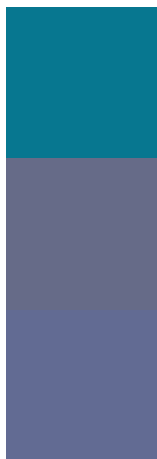


This preview shows how white text looks on a background with the YUV color 88.3620, 27.4295,

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

88.3620, 27.4295, -71.3545

Protanopia

108.8110, 13.4042, -5.9732

Deuteranopia

108.8690, 18.7986, -9.5321



Tritanopia

85.8470, 21.7674, -75.2878

Trichromacy



Original Color

88.3620, 27.4295, -71.3545

Protanomaly

101.0360, 18.7163, -29.8496

Deuteranomaly

101.2360, 22.0687, -31.7790

Tritanomaly

86.7270, 23.7986, -73.4286

Monochromacy



Original Color

88.3620, 27.4295, -71.3545

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.0660, 9.8275, -25.4909

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.3620, 27.4295, -71.3545 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, 119, 144)` looks like.

```
.text, #text, p{  
    color:rgb(7, 119, 144)  
}
```

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, 119, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 119, 144) }
```

Border

The CSS property to change the border of an element to YUV 88.3620, 27.4295, -71.3545 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, 119, 144) }
```


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

```
.border{ border-color:rgb(7, 119, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 119, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 119, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 119, 144);  
box-shadow:4px 4px 4px 4px rgb(7, 119,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 88.3620, 27.4295, -71.3545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 119, 144) }
```

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

```
.background{ background-color: rgb(7, 119,  
144) }
```

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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