

Converting Colors

YUV(71.5310, 27.8392,
-62.7327)

Have a look what the booklet for
YUV(71.5310, 27.8392, -62.7327)
contains.

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Color

**YUV(71.5310, 27.8392,
-62.7327)**

Conversions

Conversions Part 1

Format	Color
Hex	006180
RGB	0, 97, 128
RGB Percent	0%, 38%, 50%
CMY	1.0000, 0.6196, 0.4980
CMYK	1.00, 0.24, 0.00, 0.50
HSL	195°, 100%, 25%
HSV	195°, 100%, 50%
XYZ	8.1710, 10.1079, 21.9424
YIQ	71.5310, -67.7630, -10.9230

Conversions

Conversions Part 2

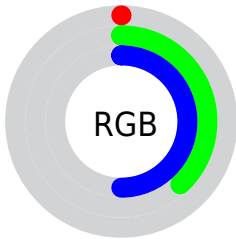
Format	Color
RYB	0, 55, 128
Decimal	24960
CIELab	38.04, -12.24, -24.09
CIElCh	38, 27.023, 243.070
Yxy	10.1079, 0.2032, 0.2513
Android (android.graphics.Color)	4278215040 (0xFF006180)
YUV	71.5310, 27.8392, -62.7327
Hunter-Lab	31.7929, -9.7620, -18.6650

Details

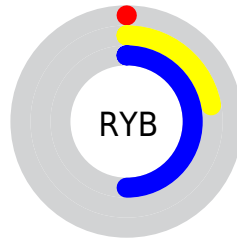
The YUV color **71.5310, 27.8392, -62.7327** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **56.4690, -27.8392, 62.7327**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.8320, 24.7328, -46.3337**, and **38.9430, 19.7481, -34.1530** is the 20% darker color. If you saturate the color by 10%, you get **71.5310, 27.8392, -62.7327**, and if you desaturate by 10%, it is **77.1790, 25.0548, -56.2850**.

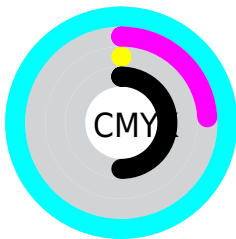
Distribution



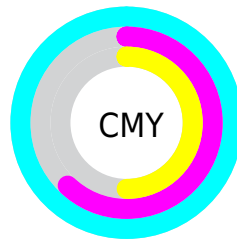
- Red (0%)
- Green (38%)
- Blue (50%)



- Red (0%)
- Yellow (22%)
- Blue (50%)



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (50%)



- Cyan (100%)
- Magenta (62%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.5310, 27.8392, -62.7327 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 71.5310, 27.8392, -62.7327 by changing the saturation by 10% instead.

71.5310, 27.8392,
-62.7327

71.5310, 27.8392,
-62.7327

255.0000, 0.0000,
0.0000

54.5930, 23.8647,
-47.8781

130.8320, 24.7328,
-46.3337

38.9430, 19.7481,
-34.1530

157.6580, 25.3116,
-45.3041

23.9940, 15.7790,
-21.0427

185.6580, 25.3116,
-45.3041

5.0500, 14.2723,
-4.4289

212.8170, 20.7962,
-43.6895

0.9120, 3.4944,
-0.7998

235.8640, 9.4340,
-39.3457

0.0000, 0.0000,
0.0000

244.5350, 5.1592,

-21.5172

■ 253.5050, 0.7370,
-3.0739

■ 71.5310, 27.8392,
-62.7327

■ 77.1790, 25.0548,
-56.2850

■ 82.8270, 22.2703,
-49.8373

■ 88.1760, 19.6332,
-44.0044

■ 93.8240, 16.8488,
-37.5566

■ 100.0590, 13.7749,
-31.6237

■ 105.7070, 10.9904,
-25.1760

■ 111.3550, 8.2060,
-18.7283

■ 116.7040, 5.5689,
-12.8954

■ 122.3520, 2.7845,
-6.4477

Harmonies

Analogous

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



71.5820, 20.4191, -62.7774



71.5310, 27.8392, -62.7327



86.2200, 23.0625, -23.8719

Triad

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



71.5310, 27.8392, -62.7327



91.1660, -1.5608, 34.0574



85.0150, -16.2764, -6.1522

Complementary

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



71.5310, 27.8392, -62.7327



56.4690, -27.8392, 62.7327

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.



87.5720, -20.9880, 11.7764



71.5310, 27.8392, -62.7327



89.9460, -11.3124, 35.1274

Square

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



71.5310, 27.8392, -62.7327



92.1460, 8.8020, 23.5510



88.9420, -18.7054, 26.3609



81.2280, -6.0284, -26.5100

Rectangle

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



71.5310, 27.8392, -62.7327



90.4180, 19.5139, -5.6286



88.9420, -18.7054, 26.3609



85.7770, -18.6241, 0.1956

Sweetspot

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



71.5310, 27.8392, -62.7327



144.0060, 10.8430, -24.5613



78.5560, -23.9381, -68.8936



70.9210, 6.4479, -14.8397



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



71.5310, 27.8392, -62.7327



92.8860, 36.0452, -81.4610



34.5500, 46.0709, -30.3003



60.7330, 1.6106, -3.2738



0.0000, 0.0000, 0.0000

Inverse Universe

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



49.3300, 23.5013, 68.9936



63.9980, 30.5670, 89.4558



93.4500, -46.0708, 30.3004



59.6630, 1.1521, 3.8035



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 71.5310, 27.8392, -62.7327 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 71.5310, 27.8392, -62.7327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

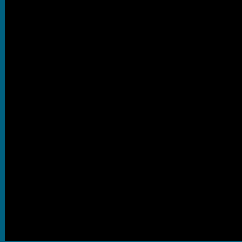
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.5310, 27.8392, -62.7327

Background



This preview shows how black text looks on a background with the YUV color 71.5310, 27.8392, -62.7327.

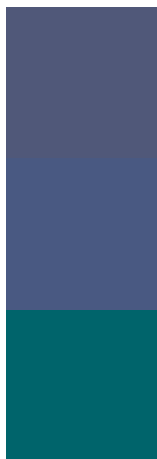


This preview shows how white text looks on a background with the YUV color 71.5310, 27.8392,

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



Protanopia

89.3700, 15.5936, -8.2175

Deuteranopia

88.8900, 20.2672, -13.9355

Tritanopia

70.8980, 17.7983, -62.1775

Trichromacy



Protanomaly

82.8020, 20.3106, -27.8904

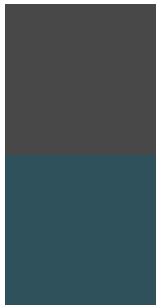
Deuteranomaly

82.4640, 22.9422, -31.9789

Tritanomaly

71.2230, 21.5821, -62.4626

Monochromacy



Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.7890, 9.9640, -22.6170

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.5310, 27.8392, -62.7327 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(0, 97, 128)` looks like.

```
.text, #text, p{  
    color:rgb(0, 97, 128)  
}
```

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(0, 97, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 97, 128) }
```

Border

The CSS property to change the border of an element to YUV 71.5310, 27.8392, -62.7327 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(0, 97, 128) }
```

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

```
.border{ border-color:rgb(0, 97, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 97, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 97, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 97, 128);  
box-shadow:4px 4px 4px 4px rgb(0, 97, 128)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.5310, 27.8392, -62.7327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 97, 128) }
```

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

```
.background{ background-color: rgb(0, 97,  
128) }
```

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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