

Converting Colors

YUV(72.8190, 27.6972,
-63.8623)

Have a look what the booklet for
YUV(72.8190, 27.6972, -63.8623)
contains.

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Color

**YUV(72.8190, 27.6972,
-63.8623)**

Conversions

Conversions Part 1

Format	Color
Hex	006381
RGB	0, 99, 129
RGB Percent	0%, 39%, 51%
CMY	1.0000, 0.6118, 0.4941
CMYK	1.00, 0.23, 0.00, 0.49
HSL	194°, 100%, 25%
HSV	194°, 100%, 51%
XYZ	8.4243, 10.5087, 22.3532
YIQ	72.8190, -68.6340, -11.6580

Conversions

Conversions Part 2

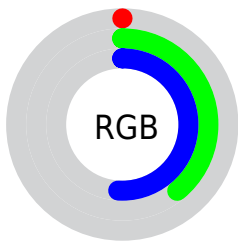
Format	Color
RYB	0, 56, 129
Decimal	25473
CIELab	38.74, -13.02, -23.60
CIELCh	39, 26.957, 241.120
Yxy	10.5087, 0.2040, 0.2545
Android (android.graphics.Color)	4278215553 (0xFF006381)
YUV	72.8190, 27.6972, -63.8623
Hunter-Lab	32.4171, -10.3427, -18.1916

Details

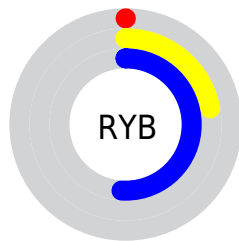
The YUV color **72.8190, 27.6972, -63.8623** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **56.1810, -27.6972, 63.8623**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.1200, 24.5908, -47.4632**, and **39.6440, 19.8955, -34.7678** is the 20% darker color. If you saturate the color by 10%, you get **72.8190, 27.6972, -63.8623**, and if you desaturate by 10%, it is **78.4670, 24.9128, -57.4146**.

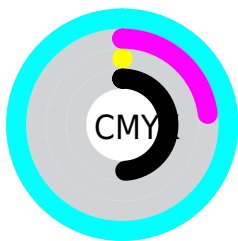
Distribution



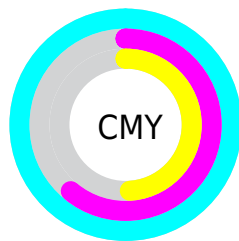
- Red (0%)
- Green (39%)
- Blue (51%)



- Red (0%)
- Yellow (22%)
- Blue (51%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (49%)



- Cyan (100%)
- Magenta (61%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.8190, 27.6972, -63.8623 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 72.8190, 27.6972, -63.8623 by changing the saturation by 10% instead.

72.8190, 27.6972,
-63.8623

72.8190, 27.6972,
-63.8623

255.0000, 0.0000,
0.0000

55.8810, 23.7227,
-49.0076

132.1200, 24.5908,
-47.4632

39.6440, 19.8955,
-34.7678

159.8320, 24.7328,
-46.3337

24.5810, 15.4896,
-21.5575

187.2450, 25.0222,
-45.8189

5.1640, 14.7091,
-4.5288

213.9910, 20.2174,
-44.7191

1.1400, 4.3680,
-0.9998

236.1630, 9.2866,
-38.7310

0.0000, 0.0000,
0.0000

244.8340, 5.0118,

-20.9024

■ 253.8040, 0.5896,
-2.4591

■ 72.8190, 27.6972,
-63.8623

■ 78.4670, 24.9128,
-57.4146

■ 84.1150, 22.1283,
-50.9669

■ 89.7630, 19.3438,
-44.5192

■ 95.4110, 16.5594,
-38.0714

■ 101.0590, 13.7749,
-31.6237

■ 106.4080, 11.1379,
-25.7908

■ 112.0560, 8.3534,
-19.3431

■ 117.7040, 5.5689,
-12.8954

■ 123.3520, 2.7845,
-6.4477

Harmonies

Analogous

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



72.7560, 19.8403, -63.8070



72.8190, 27.6972, -63.8623



87.6220, 23.3574, -25.1015

Triad

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



72.8190, 27.6972, -63.8623



93.2800, -1.1240, 33.9574



87.4990, -17.0080, -4.8226

Complementary

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



72.8190, 27.6972, -63.8623



56.1810, -27.6972, 63.8623

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.



89.2840, -20.8460, 12.9059



72.8190, 27.6972, -63.8623



92.0600, -10.8756, 35.0274

Square

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



72.8190, 27.6972, -63.8623



94.2490, 9.2442, 21.7066



90.6540, -18.5634, 27.4904



83.5980, -7.1968, -25.0804

Rectangle

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



72.8190, 27.6972, -63.8623



91.8200, 19.8087, -6.8581



90.6540, -18.5634, 27.4904



88.2610, -19.3557, 1.5251

Sweetspot

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



72.8190, 27.6972, -63.8623



146.5930, 10.5537, -25.0761



78.9150, -25.1011, -69.2085



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.



72.8190, 27.6972, -63.8623



94.8750, 36.0506, -83.2054



36.4250, 45.6395, -31.9447



60.7330, 1.6106, -3.2738



72.1180, 27.5498, -63.2475



0.0000, 0.0000, 0.0000

Inverse Universe

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



49.8570, 24.2275, 69.4084



64.9380, 31.5826, 90.3854



92.5750, -45.6395, 31.9447



59.6630, 1.1521, 3.8035



49.4440, 23.9381, 68.8936



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 72.8190, 27.6972, -63.8623 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 72.8190, 27.6972, -63.8623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

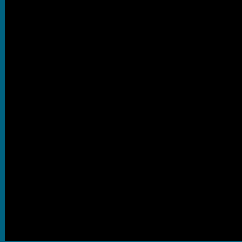
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.8190, 27.6972, -63.8623

Background



This preview shows how black text looks on a background with the YUV color 72.8190, 27.6972, -63.8623.



This preview shows how white text looks on a background with the YUV color 72.8190, 27.6972, -63.8623.

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

91.2560, 15.1568, -8.1175

Deuteranopia

90.4880, 19.9724, -12.7060

Tritanopia

71.7130, 18.3825, -62.8923

Trichromacy



Protanomaly

84.3890, 20.0212, -28.4052

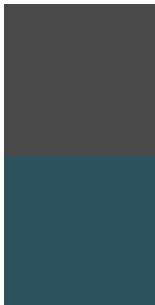
Deuteranomaly

83.7630, 22.7948, -31.3642

Tritanomaly

71.9240, 21.7295, -63.0773

Monochromacy



Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.4900, 10.1114, -23.2317

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.8190, 27.6972, -63.8623 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, 99, 129)` looks like.

```
.text, #text, p{  
    color:rgb(0, 99, 129)  
}
```

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, 99, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 99, 129) }
```

Border

The CSS property to change the border of an element to YUV 72.8190, 27.6972, -63.8623 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, 99, 129) }
```

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

```
.border{ border-color:rgb(0, 99, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 99, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 99, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 99, 129);  
box-shadow:4px 4px 4px 4px rgb(0, 99, 129)  
}
```


Background

The CSS property to change the background color of an element to YUV 72.8190, 27.6972, -63.8623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 99, 129) }
```

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

```
.background{ background-color: rgb(0, 99,  
129) }
```

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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