

Converting Colors

YUV(83.4070, 22.4773,
-69.6399)

Have a look what the booklet for
YUV(83.4070, 22.4773, -69.6399)
contains.

| | |
|--|----|
| YUV(83.4070, 22.4773, -69.6399) | 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(83.4070, 22.4773,
-69.6399)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 047381 |
| RGB | 4, 115, 129 |
| RGB Percent | 2%, 45%, 51% |
| CMY | 0.9843, 0.5490, 0.4941 |
| CMYK | 0.97, 0.11, 0.00, 0.49 |
| HSL | 187°, 94%, 26% |
| HSV | 187°, 97%, 51% |
| XYZ | 10.1433, 13.8723, 22.9119 |
| YIQ | 83.4070, -70.6500, -19.1780 |

Conversions

Conversions Part 2

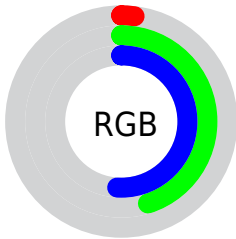
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 4, 63, 129 |
| Decimal | 291713 |
| CIELab | 44.05, -21.67, -15.43 |
| CIELCh | 44, 26.598, 215.447 |
| Yxy | 13.8723, 0.2161, 0.2956 |
| Android (android.graphics.Color) | 4278481793 (0xFF047381) |
| YUV | 83.4070, 22.4773, -69.6399 |
| Hunter-Lab | 37.2455, -16.5678, -10.4009 |

Details

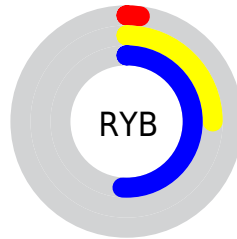
The YUV color **83.4070, 22.4773, -69.6399** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **49.5930, -22.4773, 69.6399**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.9960, 19.2290, -54.3705**, and **47.8620, 15.8440, -41.9750** is the 20% darker color. If you saturate the color by 10%, you get **82.2110, 23.0670, -72.0990**, and if you desaturate by 10%, it is **87.8810, 20.2717, -62.1626**.

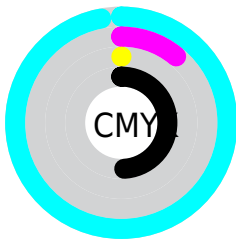
Distribution



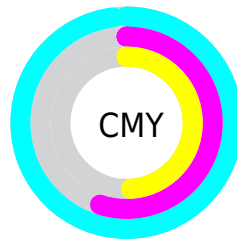
- Red (2%)
- Green (45%)
- Blue (51%)



- Red (2%)
- Yellow (25%)
- Blue (51%)



- Cyan (97%)
- Magenta (11%)
- Yellow (0%)
- Black (49%)



- Cyan (98%)
- Magenta (55%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.4070, 22.4773, -69.6399 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 83.4070, 22.4773, -69.6399 by changing the saturation by 10% instead.

83.4070, 22.4773,
-69.6399

83.4070, 22.4773,
-69.6399

255.0000, 0.0000,
0.0000

64.6860, 19.3818,
-56.7296

142.9960, 19.2290,
-54.3705

47.8620, 15.8440,
-41.9750

171.1810, 18.6448,
-53.6557

32.3260, 12.1643,
-28.3499

199.5940, 18.9342,
-53.1409

18.0780, 8.3425,
-15.8544

226.3400, 14.1294,
-52.0412

1.3680, 5.2416,
-1.1997

237.3590, 8.6970,
-36.2718

0.0000, 0.0000,
0.0000

246.0300, 4.4222,

-18.4433

■ 83.4070, 22.4773,
-69.6399

■ 83.4070, 22.4773,
-69.6399

■ 82.2110, 23.0670,
-72.0990

■ 87.8810, 20.2717,
-62.1626

■ 92.9420, 17.7766,
-55.2001

■ 97.4160, 15.5709,
-47.7228

■ 102.4770, 13.0758,
-40.7603

■ 106.9510, 10.8702,
-33.2830

■ 111.7130, 8.5225,
-26.9353

■ 116.1870, 6.3168,
-19.4580

■ 121.2480, 3.8217,
-12.4955

■ 125.7220, 1.6161,
-5.0182

Harmonies

Analogous

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



90.2710, 8.7404, -50.2267



83.4070, 22.4773, -69.6399



93.2340, 25.0276, -47.5632

Triad

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



83.4070, 22.4773, -69.6399



107.2170, 7.7810, 24.3657



102.2730, -20.8406, 11.1616

Complementary

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



83.4070, 22.4773, -69.6399



49.5930, -22.4773, 69.6399

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.



103.7140, -19.5790, 26.5608



83.4070, 22.4773, -69.6399



106.2370, -2.5818, 34.8722

Square

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



83.4070, 22.4773, -69.6399



106.3870, 16.5712, 4.9226



105.3050, -12.4754, 34.8125



99.4170, -15.9816, -7.3817

Rectangle

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



83.4070, 22.4773, -69.6399



99.4150, 23.9524, -29.3050



105.3050, -12.4754, 34.8125



103.1920, -21.2937, 16.4946

Sweetspot

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



83.4070, 22.4773, -69.6399



150.4140, 8.6699, -27.5501



78.7430, -30.9323, -65.5496



73.5680, 5.1430, -16.2841



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.



83.4070, 22.4773, -69.6399



106.6150, 30.2628, -93.5014



47.6000, 40.1302, -38.2372



61.3200, 1.3212, -3.7886



80.9230, 23.2090, -70.9695



0.0000, 0.0000, 0.0000

Inverse Universe

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



54.0290, 30.0587, 65.7496



67.2180, 40.3185, 88.3858



85.4000, -40.1302, 38.2372



59.7770, 1.5889, 3.7036



51.1540, 30.4901, 67.3939



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 83.4070, 22.4773, -69.6399 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 83.4070, 22.4773, -69.6399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

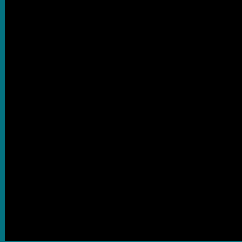
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.4070, 22.4773, -69.6399

Background



This preview shows how black text looks on a background with the YUV color 83.4070, 22.4773, -69.6399.

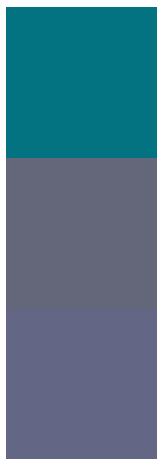


This preview shows how white text looks on a background with the YUV color 83.4070, 22.4773,

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

83.4070, 22.4773, -69.6399

Protanopia

104.1550, 8.3046, -3.6439

Deuteranopia

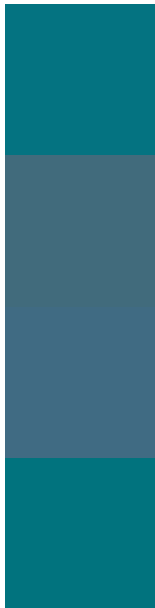
104.5230, 13.5462, -4.8437



Tritanopia

81.7550, 21.3198, -71.6991

Trichromacy



Original Color

83.4070, 22.4773, -69.6399

Protanomaly

96.3800, 13.6167, -27.5203

Deuteranomaly

96.8790, 16.8217, -28.8349

Tritanomaly

82.1680, 21.6092, -71.1843

Monochromacy



Original Color

83.4070, 22.4773, -69.6399

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.3110, 8.2277, -25.7057

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.4070, 22.4773, -69.6399 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(4, 115, 129)` looks like.

```
.text, #text, p{  
    color:rgb(4, 115, 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(4, 115, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 115, 129) }
```

Border

The CSS property to change the border of an element to YUV 83.4070, 22.4773, -69.6399 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(4, 115, 129) }
```


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

```
.border{ border-color:rgb(4, 115, 129) }
```

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

Here you see how a box with a 4 pixel rgb(4, 115, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 115, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 115, 129);  
box-shadow:4px 4px 4px 4px rgb(4, 115,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 83.4070, 22.4773, -69.6399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 115, 129) }
```

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

```
.background{ background-color: rgb(4, 115,  
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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