

Converting Colors

YUV(76.4720, 23.9243,
-67.0659)

Have a look what the booklet for
YUV(76.4720, 23.9243, -67.0659)
contains.

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Color

**YUV(76.4720, 23.9243,
-67.0659)**

Conversions

Conversions Part 1

Format	Color
Hex	006A7D
RGB	0, 106, 125
RGB Percent	0%, 42%, 49%
CMY	1.0000, 0.5843, 0.5098
CMYK	1.00, 0.15, 0.00, 0.51
HSL	189°, 100%, 25%
HSV	189°, 100%, 49%
XYZ	8.8557, 11.7887, 21.2107
YIQ	76.4720, -69.2750, -16.5630

Conversions

Conversions Part 2

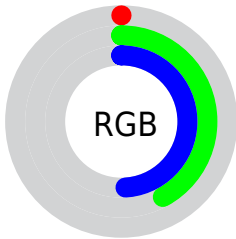
Format	Color
RYB	0, 57, 125
Decimal	27261
CIELab	40.88, -18.49, -17.87
CIELCh	41, 25.718, 224.022
Yxy	11.7887, 0.2116, 0.2817
Android (android.graphics.Color)	4278217341 (0xFF006A7D)
YUV	76.4720, 23.9243, -67.0659
Hunter-Lab	34.3347, -14.0466, -12.5929

Details

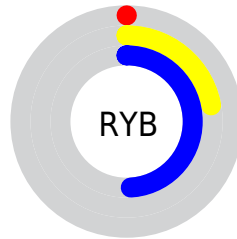
The YUV color **76.4720, 23.9243, -67.0659** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **48.5280, -23.9243, 67.0659**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.3600, 20.5285, -51.1817**, and **42.7100, 16.4120, -37.4567** is the 20% darker color. If you saturate the color by 10%, you get **76.4720, 23.9243, -67.0659**, and if you desaturate by 10%, it is **81.2340, 21.5766, -60.7182**.

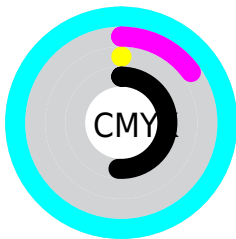
Distribution



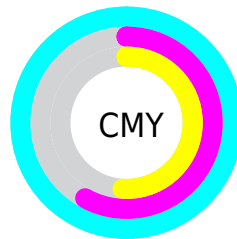
- Red (0%)
- Green (42%)
- Blue (49%)



- Red (0%)
- Yellow (22%)
- Blue (49%)



- Cyan (100%)
- Magenta (15%)
- Yellow (0%)
- Black (51%)



- Cyan (100%)
- Magenta (58%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.4720, 23.9243, -67.0659 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 76.4720, 23.9243, -67.0659 by changing the saturation by 10% instead.

■ 76.4720, 23.9243,
-67.0659

■ 76.4720, 23.9243,
-67.0659

■ 255.0000, 0.0000,
0.0000

■ 59.5340, 19.9497,
-52.2113

■ 136.3600, 20.5285,
-51.1817

■ 42.7100, 16.4120,
-37.4567

■ 163.9580, 20.2337,
-49.9522

■ 27.7610, 12.4428,
-24.3464

■ 191.3710, 20.5231,
-49.4374

■ 8.3440, 11.6624,
-7.3177

■ 219.2740, 17.6129,
-49.3523

■ 0.5700, 2.1840,
-0.4999

■ 236.1630, 9.2866,
-38.7310

■ 0.0000, 0.0000,
0.0000

■ 244.8340, 5.0118,

-20.9024

■ 253.8040, 0.5896,
-2.4591

■ 76.4720, 23.9243,
-67.0659

■ 81.2340, 21.5766,
-60.7182

■ 86.2950, 19.0816,
-53.7557

■ 91.3560, 16.5865,
-46.7932

■ 96.1180, 14.2388,
-40.4455

■ 100.5920, 12.0331,
-32.9682

■ 105.3540, 9.6855,
-26.6205

■ 110.1160, 7.3378,
-20.2727

■ 115.1770, 4.8427,
-13.3102

■ 120.2380, 2.3477,
-6.3477

Harmonies

Analogous

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



79.9650, 12.8353, -56.9743



76.4720, 23.9243, -67.0659



88.5340, 23.4007, -39.0563

Triad

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



76.4720, 23.9243, -67.0659



98.8430, 5.0074, 27.3247



93.6960, -19.0771, 5.5286

Complementary

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



76.4720, 23.9243, -67.0659



48.5280, -23.9243, 67.0659

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.



95.6810, -19.5627, 21.3278



76.4720, 23.9243, -67.0659



97.8410, -5.3446, 34.3424

Square

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



76.4720, 23.9243, -67.0659



98.7360, 13.9342, 10.7555



96.8270, -14.2117, 31.7237



91.4810, -13.0551, -12.6998

Rectangle

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



76.4720, 23.9243, -67.0659



94.1880, 21.5993, -21.2129



96.8270, -14.2117, 31.7237



94.5010, -19.9670, 10.9616

Sweetspot

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



76.4720, 23.9243, -67.0659



144.2400, 9.2487, -26.5205



75.5410, -27.8747, -66.2495



70.0950, 5.8692, -15.8693



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



76.4720, 23.9243, -67.0659



99.5880, 31.2621, -87.3387



40.0780, 41.8665, -35.1484



61.3200, 1.3212, -3.7886



77.9880, 24.6559, -68.3955



0.0000, 0.0000, 0.0000

Inverse Universe

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



49.4590, 27.8747, 66.2495



64.4690, 36.2508, 86.4117



84.9220, -41.8665, 35.1484



59.7770, 1.5889, 3.7036



50.5840, 28.3061, 67.8938



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 76.4720, 23.9243, -67.0659 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 76.4720, 23.9243, -67.0659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

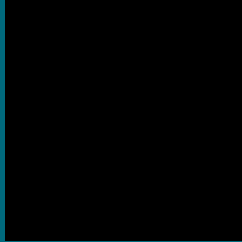
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

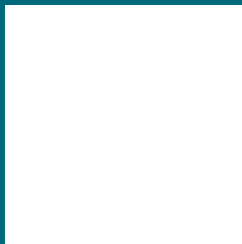
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 76.4720, 23.9243, -67.0659

Background



This preview shows how black text looks on a background with the YUV color 76.4720, 23.9243, -67.0659.

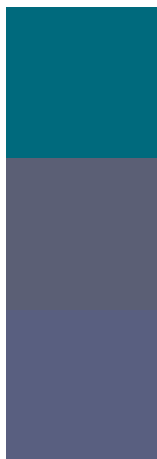


This preview shows how white text looks on a background with the YUV color 76.4720, 23.9243, -67.0659.

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

76.4720, 23.9243, -67.0659

Protanopia

96.3120, 10.1992, -4.6586

Deuteranopia

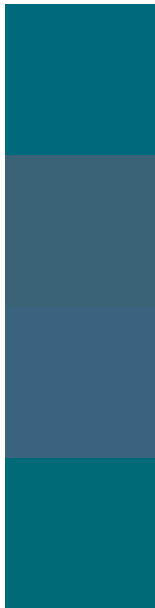
96.9680, 15.2988, -6.9879



Tritanopia

76.0330, 19.7037, -66.6809

Trichromacy



Original Color

76.4720, 23.9243, -67.0659

Protanomaly

89.1350, 15.2164, -27.3054

Deuteranomaly

89.6340, 18.4214, -28.6200

Tritanomaly

76.3750, 21.0141, -66.9809

Monochromacy



Original Color

76.4720, 23.9243, -67.0659

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.1370, 8.8065, -24.6761

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.4720, 23.9243, -67.0659 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, 106, 125)` looks like.

```
.text, #text, p{  
    color:rgb(0, 106, 125)  
}
```

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, 106, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 106, 125) }
```

Border

The CSS property to change the border of an element to YUV 76.4720, 23.9243, -67.0659 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, 106, 125) }
```


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

```
.border{ border-color:rgb(0, 106, 125) }
```

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

Here you see how a box with a 4 pixel rgb(0, 106, 125) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 106, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 106, 125);  
box-shadow:4px 4px 4px 4px rgb(0, 106,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 76.4720, 23.9243, -67.0659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 106, 125) }
```

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

```
.background{ background-color: rgb(0, 106,  
125) }
```

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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