

Converting Colors

YUV(77.9250, 16.7990,
-68.3402)

Have a look what the booklet for
YUV(77.9250, 16.7990, -68.3402)
contains.

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Color

**YUV(77.9250, 16.7990,
-68.3402)**

Conversions

Conversions Part 1

Format	Color
Hex	006F70
RGB	0, 111, 112
RGB Percent	0%, 44%, 44%
CMY	1.0000, 0.5647, 0.5608
CMYK	1.00, 0.01, 0.00, 0.56
HSL	181°, 100%, 22%
HSV	181°, 100%, 44%
XYZ	8.6091, 12.5387, 17.2957
YIQ	77.9250, -66.4770, -23.2210

Conversions

Conversions Part 2

Format	Color
RYB	0, 56, 112
Decimal	28528
CIELab	42.06, -25.71, -8.21
CIELCh	42, 26.990, 197.714
Yxy	12.5387, 0.2239, 0.3262
Android (android.graphics.Color)	4278218608 (0xFF006F70)
YUV	77.9250, 16.7990, -68.3402
Hunter-Lab	35.4101, -18.5698, -4.1726

Details

The YUV color **77.9250, 16.7990, -68.3402** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **34.0750, -16.7990, 68.3402**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.4000, 13.1138, -52.9708**, and **44.2770, 9.7234, -38.8309** is the 20% darker color. If you saturate the color by 10%, you get **77.9250, 16.7990, -68.3402**, and if you desaturate by 10%, it is **81.2140, 15.1775, -61.5777**.

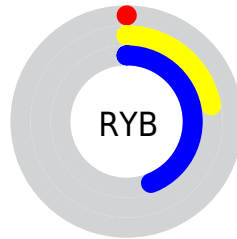
Distribution



Red (0%)

Green (44%)

Blue (44%)



Red (0%)

Yellow (22%)

Blue (44%)

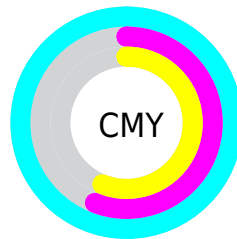


Cyan (100%)

Magenta (1%)

Yellow (0%)

Black (56%)



Cyan (100%)

Magenta (56%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.9250, 16.7990, -68.3402 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 77.9250, 16.7990, -68.3402 by changing the saturation by 10% instead.

■ 77.9250, 16.7990,
-68.3402

■ 77.9250, 16.7990,
-68.3402

■ 255.0000, 0.0000,
0.0000

■ 60.5140, 13.5506,
-53.0708

■ 137.4000, 13.1138,
-52.9708

■ 44.2770, 9.7234,
-38.8309

■ 164.6990, 12.9664,
-52.3560

■ 28.2680, 6.7699,
-24.7910

■ 192.6990, 12.9664,
-52.3560

■ 11.3130, 5.2687,
-9.9215

■ 221.2860, 12.6770,
-52.8708

■ 0.0000, 0.0000,
0.0000

■ 235.5650, 9.5815,
-39.9605

■ 244.2360, 5.3067,

-22.1320

253.2060, 0.8844,
-3.6887

77.9250, 16.7990,
-68.3402

81.2140, 15.1775,
-61.5777

84.5030, 13.5560,
-54.8151

88.0910, 11.7871,
-47.4378

91.3800, 10.1657,
-40.6753

95.2560, 8.2548,
-34.4275

■ 98.5450, 6.6333,
-27.6650

■ 101.8340, 5.0118,
-20.9024

■ 105.4220, 3.2430,
-13.5251

■ 108.7110, 1.6215,
-6.7625

Harmonies

Analogous

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



88.1710, 0.4087, -37.8610



77.9250, 16.7990, -68.3402



78.9170, 25.6769, -69.2102

Triad

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



77.9250, 16.7990, -68.3402



102.2310, 13.1971, 13.8294



98.6270, -21.0151, 20.4981

Complementary

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



77.9250, 16.7990, -68.3402



34.0750, -16.7990, 68.3402

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.



99.6700, -16.1063, 32.7384



77.9250, 16.7990, -68.3402



102.1100, 3.3968, 30.5985

Square

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



77.9250, 16.7990, -68.3402



99.3250, 20.5458, -9.9320



100.5100, -6.6604, 36.3867



96.1580, -19.7979, 3.3694

Rectangle

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



77.9250, 16.7990, -68.3402



88.0490, 25.6118, -48.2780



100.5100, -6.6604, 36.3867



98.5890, -20.0104, 24.9164

Sweetspot

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



77.9250, 16.7990, -68.3402



132.1430, 6.3385, -26.4354



65.7440, -32.4118, -57.6575



65.9270, 3.9800, -16.5990



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



77.9250, 16.7990, -68.3402



101.0580, 21.6634, -88.6279



45.6400, 32.7155, -40.0263



54.2060, 0.8844, -3.6887



83.5330, 17.9782, -73.2584



171.9730, 36.9883, -150.8203

Inverse Universe

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



46.1420, 31.9750, 57.7575



59.7710, 41.5249, 74.7458



66.3600, -32.7155, 40.0263



52.4780, 1.7363, 3.0888



49.4460, 34.2901, 61.8759



101.7830, 70.6060, 127.3553

Previews

White Background



This preview shows how the YUV color 77.9250, 16.7990, -68.3402 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 77.9250, 16.7990, -68.3402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

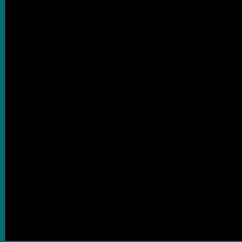
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.9250, 16.7990, -68.3402

Background



This preview shows how black text looks on a background with the YUV color 77.9250, 16.7990, -68.3402.



This preview shows how white text looks on a background with the YUV color 77.9250, 16.7990,

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

77.9250, 16.7990, -68.3402

Protanopia

99.5700, 2.1840, -0.4999

Deuteranopia

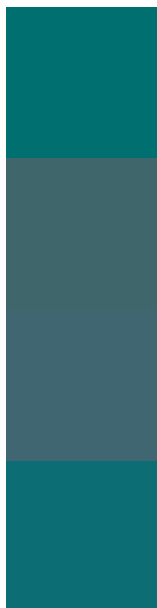
100.2480, 7.2727, 0.6595



Tritanopia

83.8170, 17.3452, -56.8445

Trichromacy



Original Color

77.9250, 16.7990, -68.3402

Protanomaly

91.4960, 7.6435, -24.9910

Deuteranomaly

92.0060, 10.8430, -24.5613

Tritanomaly

81.3820, 17.0667, -60.8480

Monochromacy



Original Color

77.9250, 16.7990, -68.3402

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.0400, 5.8963, -24.5911

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.9250, 16.7990, -68.3402 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, 111, 112)` looks like.

```
.text, #text, p{  
    color:rgb(0, 111, 112)  
}
```

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, 111, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 111, 112) }
```

Border

The CSS property to change the border of an element to YUV 77.9250, 16.7990, -68.3402 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, 111, 112) }
```


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

```
.border{ border-color:rgb(0, 111, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 111, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 111, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 111, 112);  
box-shadow:4px 4px 4px 4px rgb(0, 111,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 77.9250, 16.7990, -68.3402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 111, 112) }
```

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

```
.background{ background-color: rgb(0, 111,  
112) }
```

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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