

Converting Colors

YUV(71.0750, 26.0920,
-62.3328)

Have a look what the booklet for
YUV(71.0750, 26.0920, -62.3328)
contains.

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Color

**YUV(71.0750, 26.0920,
-62.3328)**

Conversions

Conversions Part 1

Format	Color
Hex	00617C
RGB	0, 97, 124
RGB Percent	0%, 38%, 49%
CMY	1.0000, 0.6196, 0.5137
CMYK	1.00, 0.22, 0.00, 0.51
HSL	193°, 100%, 24%
HSV	193°, 100%, 49%
XYZ	7.9128, 10.0046, 20.5828
YIQ	71.0750, -66.4790, -12.1670

Conversions

Conversions Part 2

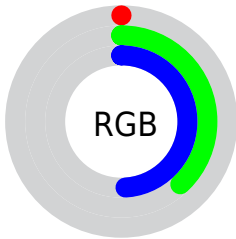
Format	Color
RYB	0, 54, 124
Decimal	24956
CIELab	37.85, -13.79, -21.94
CIELCh	38, 25.912, 237.843
Yxy	10.0046, 0.2055, 0.2599
Android (android.graphics.Color)	4278215036 (0xFF00617C)
YUV	71.0750, 26.0920, -62.3328
Hunter-Lab	31.6301, -10.6980, -16.4410

Details

The YUV color **71.0750, 26.0920, -62.3328** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **52.9250, -26.0920, 62.3328**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.0770, 23.1330, -46.5485**, and **38.4870, 18.0009, -33.7531** is the 20% darker color. If you saturate the color by 10%, you get **71.0750, 26.0920, -62.3328**, and if you desaturate by 10%, it is **76.4240, 23.4550, -56.4998**.

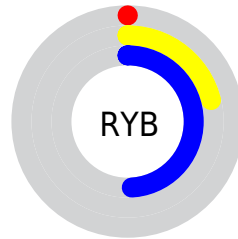
Distribution



Red (0%)

Green (38%)

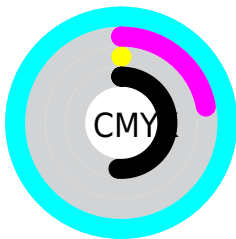
Blue (49%)



Red (0%)

Yellow (21%)

Blue (49%)

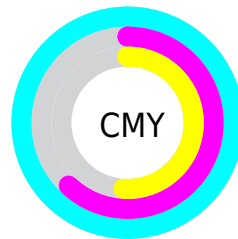


Cyan (100%)

Magenta (22%)

Yellow (0%)

Black (51%)



Cyan (100%)

Magenta (62%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 71.0750, 26.0920, -62.3328 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 71.0750, 26.0920, -62.3328 by changing the saturation by 10% instead.

■ 71.0750, 26.0920,
-62.3328

■ 71.0750, 26.0920,
-62.3328

■ 255.0000, 0.0000,
0.0000

■ 54.1370, 22.1175,
-47.4781

■ 130.0770, 23.1330,
-46.5485

■ 38.4870, 18.0009,
-33.7531

■ 156.7890, 23.2750,
-45.4190

■ 23.5380, 14.0318,
-20.6428

■ 184.7890, 23.2750,
-45.4190

■ 4.7080, 12.9620,
-4.1289

■ 212.2190, 21.0910,
-44.9191

■ 0.2280, 0.8736,
-0.2000

■ 235.5650, 9.5815,
-39.9605

■ 0.0000, 0.0000,
0.0000

■ 244.2360, 5.3067,

-22.1320

253.2060, 0.8844,
-3.6887

71.0750, 26.0920,
-62.3328

76.4240, 23.4550,
-56.4998

81.4850, 20.9599,
-49.5373

86.8340, 18.3228,
-43.7044

92.4820, 15.5384,
-37.2567

97.2440, 13.1907,
-30.9090

■ 102.5930, 10.5537,
-25.0761

■ 108.2410, 7.7692,
-18.6284

■ 113.5900, 5.1321,
-12.7954

■ 118.6510, 2.6371,
-5.8329

Harmonies

Analogous

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



71.0120, 18.2351, -62.2775



71.0750, 26.0920, -62.3328



85.0840, 22.6366, -27.2607

Triad

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



71.0750, 26.0920, -62.3328



91.1980, -0.0976, 31.3984



85.5100, -17.0134, -3.0783

Complementary

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



71.0750, 26.0920, -62.3328



52.9250, -26.0920, 62.3328

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.



87.5230, -19.9778, 14.4503



71.0750, 26.0920, -62.3328



90.1030, -9.4178, 34.1127

Square

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



71.0750, 26.0920, -62.3328



92.0530, 9.8339, 19.2475



88.9960, -17.2530, 27.1905



82.0930, -7.9338, -22.0066

Rectangle

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



71.0750, 26.0920, -62.3328



89.0970, 19.6722, -9.7321



88.9960, -17.2530, 27.1905



86.3860, -18.9243, 3.1695

Sweetspot

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



71.0750, 26.0920, -62.3328



139.8920, 10.4062, -24.4613



75.8660, -24.0909, -66.5345



68.9210, 6.4479, -14.8397



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.



71.0750, 26.0920, -62.3328



92.3160, 33.8612, -80.9611



34.6810, 44.0343, -30.4152



58.6190, 1.1738, -3.1739



71.7760, 26.2394, -62.9476



144.3670, 53.0631, -126.6099

Inverse Universe

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



48.1340, 24.0909, 66.5345



62.5030, 31.3040, 86.3819



89.3190, -44.0343, 30.4152



57.3640, 1.2995, 3.1888



48.5470, 24.3803, 67.0493



97.8060, 48.9026, 135.2281

Previews

White Background



This preview shows how the YUV color 71.0750, 26.0920, -62.3328 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 ✓ Pass

Black Background



This preview shows how the YUV color 71.0750, 26.0920, -62.3328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

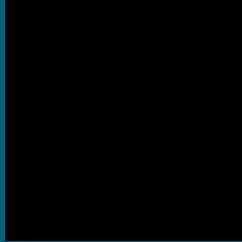
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 71.0750, 26.0920, -62.3328

Background



This preview shows how black text looks on a background with the YUV color 71.0750, 26.0920, -62.3328.



This preview shows how white text looks on a background with the YUV color 71.0750, 26.0920,

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

89.2130, 13.6990, -7.2028

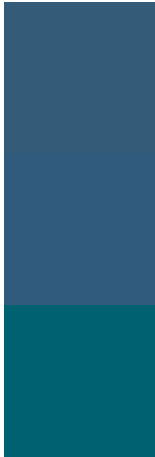
Deuteranopia

88.7440, 18.3672, -11.1765

Tritanopia

70.3110, 18.0877, -61.6627

Trichromacy



Protanomaly

82.6450, 18.4160, -26.8757

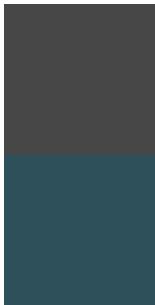
Deuteranomaly

82.0190, 21.1896, -29.8347

Tritanomaly

70.4080, 20.9979, -61.7478

Monochromacy



Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

70.6750, 9.5272, -22.5170

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.0750, 26.0920, -62.3328 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, 124)` looks like.

```
.text, #text, p{  
    color:rgb(0, 97, 124)  
}
```

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, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 97, 124) }
```

Border

The CSS property to change the border of an element to YUV 71.0750, 26.0920, -62.3328 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, 124) }
```

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

```
.border{ border-color:rgb(0, 97, 124) }
```

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, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 97, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 97, 124);  
box-shadow:4px 4px 4px 4px rgb(0, 97, 124)  
}
```


Background

The CSS property to change the background color of an element to YUV 71.0750, 26.0920, -62.3328 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, 124) }
```

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

```
.background{ background-color: rgb(0, 97,  
124) }
```

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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