

Converting Colors

YUV(72.8070, 12.4201,
-63.8517)

Have a look what the booklet for
YUV(72.8070, 12.4201, -63.8517)
contains.

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Color

**YUV(72.8070, 12.4201,
-63.8517)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 006962 |
| RGB | 0, 105, 98 |
| RGB Percent | 0%, 41%, 38% |
| CMY | 1.0000, 0.5882, 0.6157 |
| CMYK | 1.00, 0.00, 0.07, 0.59 |
| HSL | 176°, 100%, 21% |
| HSV | 176°, 100%, 41% |
| XYZ | 7.2562, 10.9850, 13.2931 |
| YIQ | 72.8070, -60.3330, -24.4370 |

Conversions

Conversions Part 2

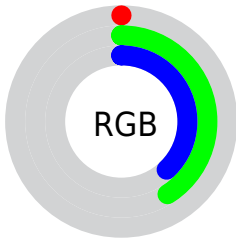
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 54, 105 |
| Decimal | 26978 |
| CIELab | 39.56, -27.35, -3.43 |
| CIELCh | 40, 27.567, 187.152 |
| Yxy | 10.9850, 0.2301, 0.3484 |
| Android (android.graphics.Color) | 4278217058 (0xFF006962) |
| YUV | 72.8070, 12.4201, -63.8517 |
| Hunter-Lab | 33.1436, -18.9221, -0.5793 |

Details

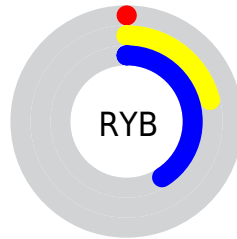
The YUV color **72.8070, 12.4201, -63.8517** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **32.1930, -12.4201, 63.8517**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.9720, 8.8878, -50.8414**, and **39.3870, 6.2182, -34.5424** is the 20% darker color. If you saturate the color by 10%, you get **72.8070, 12.4201, -63.8517**, and if you desaturate by 10%, it is **75.9110, 11.3829, -57.8039**.

Distribution



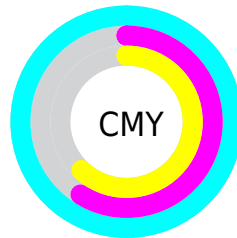
- Red (0%)
- Green (41%)
- Blue (38%)



- Red (0%)
- Yellow (21%)
- Blue (41%)



- Cyan (100%)
- Magenta (0%)
- Yellow (7%)
- Black (59%)



- Cyan (100%)
- Magenta (59%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 72.8070, 12.4201, -63.8517 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 72.8070, 12.4201, -63.8517 by changing the saturation by 10% instead.

72.8070, 12.4201,
-63.8517

72.8070, 12.4201,
-63.8517

255.0000, 0.0000,
0.0000

55.3960, 9.1718,
-48.5823

130.9720, 8.8878,
-50.8414

39.3870, 6.2182,
-34.5424

158.1570, 8.3036,
-50.1267

24.6660, 3.1227,
-21.6321

186.1570, 8.3036,
-50.1267

0.6840, 2.6208,
-0.5999

214.1570, 8.3036,
-50.1267

0.0000, 0.0000,
0.0000

234.0700, 10.3185,
-43.0344

242.7410, 6.0437,

-25.2059

251.4120, 1.7689,
-7.3773

72.8070, 12.4201,
-63.8517

75.9110, 11.3829,
-57.8039

79.2000, 9.7614,
-51.0414

82.6030, 8.5767,
-44.3788

85.7070, 7.5394,
-38.3310

88.9960, 5.9180,
-31.5685

■ 92.1000, 4.8807,
-25.5207

■ 95.5030, 3.6960,
-18.8581

■ 98.6070, 2.6587,
-12.8103

■ 101.8960, 1.0373,
-6.0478

Harmonies

Analogous

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



84.2490, -4.5598, -30.9134



72.8070, 12.4201, -63.8517



74.7280, 22.3191, -65.5365

Triad

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



72.8070, 12.4201, -63.8517



95.3980, 16.5658, 6.6670



92.8880, -20.1578, 25.5312

Complementary

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



72.8070, 12.4201, -63.8517



32.1930, -12.4201, 63.8517

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.



94.0770, -13.3490, 35.0125



72.8070, 12.4201, -63.8517



96.1140, 7.3388, 26.2100

Square

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



72.8070, 12.4201, -63.8517



91.2420, 23.0517, -20.3832



94.8350, -2.8767, 36.1017



91.1480, -21.2720, 9.5172

Rectangle

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



72.8070, 12.4201, -63.8517



74.6940, 27.2659, -65.5066



94.8350, -2.8767, 36.1017



93.0780, -18.2795, 29.7496

Sweetspot

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



72.8070, 12.4201, -63.8517



125.1000, 4.8807, -25.5207



63.7280, -31.4179, -49.7505



61.2970, 2.8116, -15.1695



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



72.8070, 12.4201, -63.8517



95.7120, 16.4110, -83.9394



47.1900, 28.5003, -41.3856



52.0920, 0.4476, -3.5887



81.1050, 13.7522, -71.1291



169.8070, 28.6891, -148.9207

Inverse Universe

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



32.1930, -12.4201, 63.8517



42.2880, -16.4110, 83.9394



58.3970, -28.7897, 40.8708



49.9080, -0.4476, 3.5887



35.8950, -13.7522, 71.1291



75.0790, -29.1259, 149.0207

Previews

White Background



This preview shows how the YUV color 72.8070, 12.4201, -63.8517 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 72.8070, 12.4201, -63.8517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

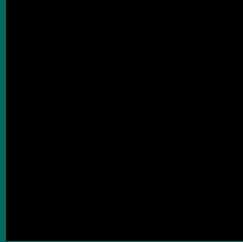
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 72.8070, 12.4201, -63.8517

Background



This preview shows how black text looks on a background with the YUV color 72.8070, 12.4201, -63.8517.



This preview shows how white text looks on a background with the YUV color 72.8070, 12.4201,

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

72.8070, 12.4201, -63.8517

Protanopia

93.3700, -1.1684, 1.4295

Deuteranopia

93.6460, 3.6255, 3.8185



Tritanopia

80.5900, 14.9921, -48.7524

Trichromacy



Original Color

72.8070, 12.4201, -63.8517

Protanomaly

85.5950, 4.1437, -22.4468

Deuteranomaly

85.7030, 7.0484, -20.7875

Tritanomaly

77.9160, 13.8454, -54.3003

Monochromacy



Original Color

72.8070, 12.4201, -63.8517

Achromatopsia

73.0000, 0.0000, 0.0000

Achromatomaly

72.9970, 4.4385, -23.6764

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.8070, 12.4201, -63.8517 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, 105, 98)` looks like.

```
.text, #text, p{  
    color:rgb(0, 105, 98)  
}
```

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, 105, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 105, 98) }
```

Border

The CSS property to change the border of an element to YUV 72.8070, 12.4201, -63.8517 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, 105, 98) }
```


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

```
.border{ border-color:rgb(0, 105, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 105, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 105, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 105, 98);  
box-shadow:4px 4px 4px 4px rgb(0, 105, 98)  
}
```

Background

The CSS property to change the background color of an element to YUV 72.8070, 12.4201, -63.8517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 105, 98) }
```

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

```
.background{ background-color: rgb(0, 105,  
98) }
```

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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