

Converting Colors

YUV(78.1190, 22.6193,
-68.5104)

Have a look what the booklet for
YUV(78.1190, 22.6193, -68.5104)
contains.

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Color

**YUV(78.1190, 22.6193,
-68.5104)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 006D7C |
| RGB | 0, 109, 124 |
| RGB Percent | 0%, 43%, 49% |
| CMY | 1.0000, 0.5725, 0.5137 |
| CMYK | 1.00, 0.12, 0.00, 0.51 |
| HSL | 187°, 100%, 24% |
| HSV | 187°, 100%, 49% |
| XYZ | 9.1067, 12.3925, 20.9808 |
| YIQ | 78.1190, -69.7790, -18.4430 |

Conversions

Conversions Part 2

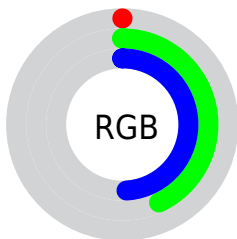
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 58, 124 |
| Decimal | 28028 |
| CIELab | 41.83, -20.49, -15.81 |
| CIELCh | 42, 25.876, 217.650 |
| Yxy | 12.3925, 0.2144, 0.2917 |
| Android (android.graphics.Color) | 4278218108 (0xFF006D7C) |
| YUV | 78.1190, 22.6193, -68.5104 |
| Hunter-Lab | 35.2030, -15.4288, -10.6944 |

Details

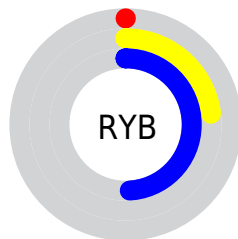
The YUV color **78.1190, 22.6193, -68.5104** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **45.8810, -22.6193, 68.5104**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.0070, 19.2235, -52.6261**, and **44.3570, 15.1070, -38.9011** is the 20% darker color. If you saturate the color by 10%, you get **78.1190, 22.6193, -68.5104**, and if you desaturate by 10%, it is **82.2940, 20.5611, -61.6478**.

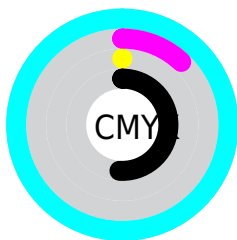
Distribution



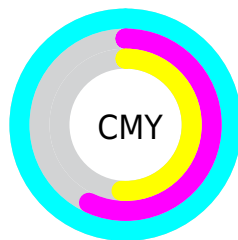
- Red (0%)
- Green (43%)
- Blue (49%)



- Red (0%)
- Yellow (23%)
- Blue (49%)



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (51%)



- Cyan (100%)
- Magenta (57%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.1190, 22.6193, -68.5104 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 78.1190, 22.6193, -68.5104 by changing the saturation by 10% instead.

■ 78.1190, 22.6193,
-68.5104

■ 78.1190, 22.6193,
-68.5104

■ 255.0000, 0.0000,
0.0000

■ 60.5940, 18.9342,
-53.1409

■ 138.0070, 19.2235,
-52.6261

■ 44.3570, 15.1070,
-38.9011

■ 165.6050, 18.9287,
-51.3966

■ 28.8210, 11.4272,
-25.2760

■ 193.6050, 18.9287,
-51.3966

■ 11.8660, 9.9261,
-10.4065

■ 221.3340, 16.5973,
-50.2819

■ 0.4560, 1.7472,
-0.3999

■ 236.1630, 9.2866,
-38.7310

■ 0.0000, 0.0000,
0.0000

■ 245.1330, 4.8644,

-20.2876

253.8040, 0.5896,
-2.4591

78.1190, 22.6193,
-68.5104

82.2940, 20.5611,
-61.6478

87.3550, 18.0660,
-54.6853

92.1170, 15.7183,
-48.3376

96.5910, 13.5126,
-40.8603

101.3530, 11.1650,
-34.5126

■ 105.5280, 9.1067,
-27.6501

■ 110.0020, 6.9010,
-20.1728

■ 114.7640, 4.5533,
-13.8250

■ 119.8250, 2.0583,
-6.8625

Harmonies

Analogous

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



84.2000, 9.7614, -51.0414



78.1190, 22.6193, -68.5104



88.7290, 24.2906, -44.4893

Triad

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



78.1190, 22.6193, -68.5104



101.2880, 6.7600, 25.1804



96.4900, -19.9616, 9.2173

Complementary

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



78.1190, 22.6193, -68.5104



45.8810, -22.6193, 68.5104

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.



98.5180, -18.9894, 24.1017



78.1190, 22.6193, -68.5104



100.7100, -3.3080, 34.4573

Square

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



78.1190, 22.6193, -68.5104



100.7570, 15.4028, 6.3521



99.5930, -12.6173, 33.6829



94.0470, -14.8132, -8.8112

Rectangle

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



78.1190, 22.6193, -68.5104



94.4970, 22.9260, -26.7459



99.5930, -12.6173, 33.6829



97.4090, -20.4146, 14.5503

Sweetspot

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



78.1190, 22.6193, -68.5104



142.8270, 8.9593, -27.0353



74.3840, -29.7693, -65.2348



70.6820, 5.5798, -16.3841



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.



78.1190, 22.6193, -68.5104



101.1210, 29.5203, -88.6831



42.3120, 40.2722, -37.1076



58.6190, 1.1738, -3.1739



78.8200, 22.7667, -69.1251



159.0420, 45.8283, -139.4798

Inverse Universe

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



49.5020, 29.3325, 65.3347



64.2130, 37.8560, 84.8822



81.6880, -40.2722, 37.1076



57.3640, 1.2995, 3.1888



49.9150, 29.6219, 65.8495



100.6560, 59.8226, 132.7287

Previews

White Background



This preview shows how the YUV color 78.1190, 22.6193, -68.5104 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 78.1190, 22.6193, -68.5104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

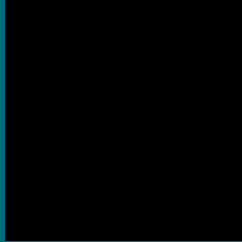
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.1190, 22.6193, -68.5104

Background



This preview shows how black text looks on a background with the YUV color 78.1190, 22.6193, -68.5104.



This preview shows how white text looks on a background with the YUV color 78.1190, 22.6193,

-68.5104.

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

99.1550, 8.3046, -3.6439

Deuteranopia

99.2240, 13.6936, -5.4584

Tritanopia

78.0220, 19.7092, -68.4253

Trichromacy



Protanomaly

91.3800, 13.6167, -27.5203

Deuteranomaly

91.2920, 17.1110, -28.3201

Tritanomaly

78.2500, 20.5828, -68.6252

Monochromacy



Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.0230, 8.3697, -24.5762

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.1190, 22.6193, -68.5104 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, 109, 124)` looks like.

```
.text, #text, p{  
    color:rgb(0, 109, 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, 109, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 109, 124) }
```

Border

The CSS property to change the border of an element to YUV 78.1190, 22.6193, -68.5104 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, 109, 124) }
```

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

```
.border{ border-color:rgb(0, 109, 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, 109, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 109, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 109, 124);  
box-shadow:4px 4px 4px 4px rgb(0, 109,  
124) }
```


Background

The CSS property to change the background color of an element to YUV 78.1190, 22.6193, -68.5104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 109, 124) }
```

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

```
.background{ background-color: rgb(0, 109,  
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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