

Converting Colors

YUV(76.2620, 19.0978,
-58.9888)

Have a look what the booklet for
YUV(76.2620, 19.0978, -58.9888)
contains.

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Color

**YUV(76.2620, 19.0978,
-58.9888)**

Conversions

Conversions Part 1

Format	Color
Hex	096773
RGB	9, 103, 115
RGB Percent	4%, 40%, 45%
CMY	0.9647, 0.5961, 0.5490
CMYK	0.92, 0.10, 0.00, 0.55
HSL	187°, 85%, 24%
HSV	187°, 92%, 45%
XYZ	8.0574, 10.9964, 17.9175
YIQ	76.2620, -59.8760, -16.1960

Conversions

Conversions Part 2

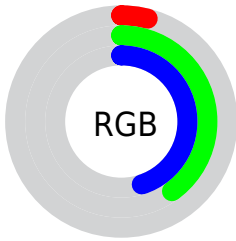
Format	Color
R_{YB}	9, 59, 115
Decimal	616307
CIE _{Lab}	39.57, -19.90, -13.78
CIE _{LCh}	40, 24.205, 214.702
Yxy	10.9964, 0.2179, 0.2974
Android (android.graphics.Color)	4278806387 (0xFF096773)
YUV	76.2620, 19.0978, -58.9888
Hunter-Lab	33.1608, -14.6594, -8.8231

Details

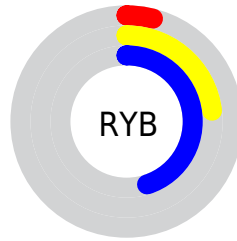
The YUV color **76.2620, 19.0978, -58.9888** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **47.7380, -19.0978, 58.9888**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.7580, 16.8813, -48.0228**, and **40.5100, 13.0596, -35.5273** is the 20% darker color. If you saturate the color by 10%, you get **72.9840, 20.7139, -64.0070**, and if you desaturate by 10%, it is **80.1380, 17.1870, -52.7410**.

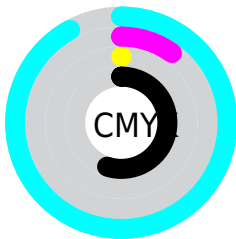
Distribution



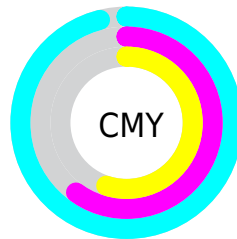
- Red (4%)
- Green (40%)
- Blue (45%)



- Red (4%)
- Yellow (23%)
- Blue (45%)



- Cyan (92%)
- Magenta (10%)
- Yellow (0%)
- Black (55%)



- Cyan (96%)
- Magenta (60%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.2620, 19.0978, -58.9888 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 76.2620, 19.0978, -58.9888 by changing the saturation by 10% instead.

■ 76.2620, 19.0978,
-58.9888

■ 76.2620, 19.0978,
-58.9888

■ 255.0000, 0.0000,
0.0000

■ 56.6330, 16.4499,
-49.6671

■ 132.7580, 16.8813,
-48.0228

■ 40.5100, 13.0596,
-35.5273

■ 160.0570, 16.7339,
-47.4080

■ 25.0880, 9.8166,
-22.0022

■ 188.0570, 16.7339,
-47.4080

■ 3.4370, 10.6306,
-3.0142

■ 216.1710, 17.1707,
-47.5080

■ 0.0000, 0.0000,
0.0000

■ 235.8640, 9.4340,
-39.3457

■ 244.5350, 5.1592,

-21.5172

253.2060, 0.8844,
-3.6887

76.2620, 19.0978,
-58.9888

76.2620, 19.0978,
-58.9888

72.9840, 20.7139,
-64.0070

80.1380, 17.1870,
-52.7410

84.9000, 14.8393,
-46.3933

88.7760, 12.9284,
-40.1456

92.9510, 10.8702,
-33.2830

97.7130, 8.5225,
-26.9353

■ 101.5890, 6.6116,
-20.6876

■ 105.7640, 4.5533,
-13.8250

■ 109.6400, 2.6425,
-7.5773

■ 114.4020, 0.2948,
-1.2296

Harmonies

Analogous

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



81.2610, 7.2663, -44.0789



76.2620, 19.0978, -58.9888



83.7570, 21.8118, -42.7599

Triad

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



76.2620, 19.0978, -58.9888



96.2660, 6.7709, 21.6917



91.5440, -18.5092, 10.0469

Complementary

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



76.2620, 19.0978, -58.9888



47.7380, -19.0978, 58.9888

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.



92.9740, -17.2422, 23.7018



76.2620, 19.0978, -58.9888



95.3290, -2.1342, 31.2835

Square

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



76.2620, 19.0978, -58.9888



95.3330, 15.1188, 4.0930



94.0380, -10.8647, 31.5387



89.4710, -14.5292, -6.5521

Rectangle

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



76.2620, 19.0978, -58.9888



89.0410, 21.1788, -26.3460



94.0380, -10.8647, 31.5387



92.1640, -18.8149, 14.7652

Sweetspot

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



76.2620, 19.0978, -58.9888



135.0940, 7.3487, -23.7614



72.4760, -25.8707, -55.6685



67.1660, 4.8482, -15.0546



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



76.2620, 19.0978, -58.9888



95.1710, 27.0307, -83.4650



45.7380, 34.1462, -32.2192



56.6190, 1.1738, -3.1739



77.8910, 21.7457, -68.3104



158.8140, 44.9547, -139.2799

Inverse Universe

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



51.4100, 25.4339, 55.7684



60.0120, 35.9831, 78.9195



78.2620, -34.1462, 32.2192



55.3640, 1.2995, 3.1888



48.9040, 29.6273, 64.1052



100.0580, 60.1174, 131.4991

Previews

White Background



This preview shows how the YUV color 76.2620, 19.0978, -58.9888 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 76.2620, 19.0978, -58.9888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

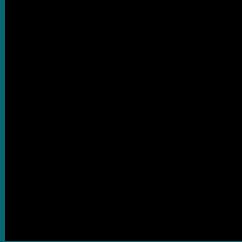
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.2620, 19.0978, -58.9888

Background



This preview shows how black text looks on a background with the YUV color 76.2620, 19.0978, -58.9888.



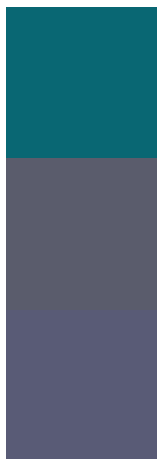
This preview shows how white text looks on a background with the YUV color 76.2620, 19.0978,

-58.9888.

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

76.2620, 19.0978, -58.9888

Protanopia

93.2260, 7.2836, -2.8292

Deuteranopia

93.4800, 12.0884, -3.9290



Tritanopia

73.2290, 19.1141, -64.2218

Trichromacy



Original Color

76.2620, 19.0978, -58.9888

Protanomaly

87.2450, 11.7112, -23.0169

Deuteranomaly

87.0430, 14.7688, -23.7167

Tritanomaly

74.2400, 19.1087, -62.4775

Monochromacy



Original Color

76.2620, 19.0978, -58.9888

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.2900, 6.7590, -21.3023

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.2620, 19.0978, -58.9888 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(9, 103, 115)` looks like.

```
.text, #text, p{  
    color:rgb(9, 103, 115)  
}
```

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(9, 103, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 103, 115) }
```

Border

The CSS property to change the border of an element to YUV 76.2620, 19.0978, -58.9888 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(9, 103, 115) }
```


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

```
.border{ border-color:rgb(9, 103, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 103, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 103, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 103, 115);  
box-shadow:4px 4px 4px 4px rgb(9, 103,  
115) }
```

Background

The CSS property to change the background color of an element to YUV 76.2620, 19.0978, -58.9888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 103, 115) }
```

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

```
.background{ background-color: rgb(9, 103,  
115) }
```

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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