

Converting Colors

YUV(76.0480, 10.8223, 28.8989)

Have a look what the booklet for
YUV(76.0480, 10.8223, 28.8989)
contains.

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Color

**YUV(76.0480, 10.8223,
28.8989)**

Conversions

Conversions Part 1

Format	Color
Hex	6D3762
RGB	109, 55, 98
RGB Percent	43%, 22%, 38%
CMY	0.5725, 0.7843, 0.6157
CMYK	0.00, 0.50, 0.10, 0.57
HSL	312°, 33%, 32%
HSV	312°, 50%, 43%
XYZ	9.8775, 6.8654, 12.3598
YIQ	76.0480, 18.3810, 24.8210

Conversions

Conversions Part 2

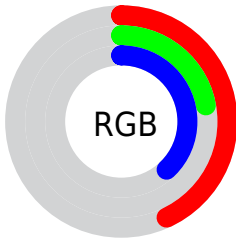
Format	Color
R_{YB}	109, 55, 98
Decimal	7157602
CIE _{Lab}	31.50, 30.34, -14.94
CIE _{LCh}	31, 33.820, 333.777
Yxy	6.8654, 0.3394, 0.2359
Android (android.graphics.Color)	4285347682 (0xFF6D3762)
YUV	76.0480, 10.8223, 28.8989
Hunter-Lab	26.2020, 21.4365, -9.6266

Details

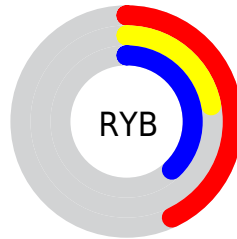
The YUV color **76.0480, 10.8223, 28.8989** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **87.9520, -10.8223, -28.8989**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.4720, 11.1063, 31.1581**, and **27.5640, 11.5539, 27.5694** is the 20% darker color. If you saturate the color by 10%, you get **69.3630, 13.1320, 34.7616**, and if you desaturate by 10%, it is **82.7330, 8.5126, 23.0362**.

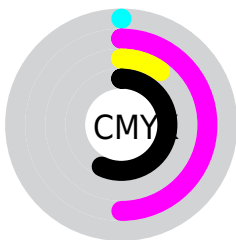
Distribution



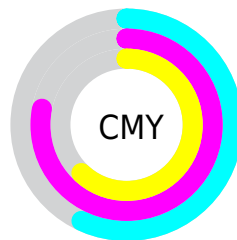
- Red (43%)
- Green (22%)
- Blue (38%)



- Red (43%)
- Yellow (22%)
- Blue (38%)



- Cyan (0%)
- Magenta (50%)
- Yellow (10%)
- Black (57%)



- Cyan (57%)
- Magenta (78%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.0480, 10.8223, 28.8989 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 76.0480, 10.8223, 28.8989 by changing the saturation by 10% instead.

■ 76.0480, 10.8223,
28.8989

■ 76.0480, 10.8223,
28.8989

■ 255.0000, 0.0000,
0.0000

■ 52.3360, 10.6804,
27.7693

■ 126.4720, 11.1063,
31.1581

■ 27.5640, 11.5539,
27.5694

■ 152.7710, 10.9589,
31.7728

■ 15.1950, 7.7919,
20.8770

■ 179.8960, 11.3903,
33.4172

■ 0.1140, 0.4368,
-0.1000

■ 207.3090, 11.6797,
33.9320

■ 0.0000, 0.0000,
0.0000

■ 229.1720, 12.7332,
22.6512

■ 246.1950, 4.3409,

7.7220

■ 76.0480, 10.8223,
28.8989

■ 76.0480, 10.8223,
28.8989

■ 69.3630, 13.1320,
34.7616

■ 82.7330, 8.5126,
23.0362

■ 62.6780, 15.4417,
40.6244

■ 89.4180, 6.2029,
17.1734

■ 55.8790, 17.3147,
46.5871

■ 96.2170, 4.3300,
11.2107

■ 49.1940, 19.6244,
52.4499

■ 102.9020, 2.0203,
5.3479

■ 43.0960, 21.6447,
57.7978

■ 109.5870, -0.2894,
-0.5148

■ 42.5090, 21.9341,
58.3126

■ 115.6850, -2.3097,
-5.8627

■ 122.4840, -4.1826,
-11.8255

■ 129.1690, -6.4923,
-17.6882

■ 135.8540, -8.8020,
-23.5510

Harmonies

Analogous

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



76.1140, 20.6498, 3.4080



76.0480, 10.8223, 28.8989



74.0360, -1.0037, 42.0644

Triad

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



76.0480, 10.8223, 28.8989



70.7910, -26.5190, 12.4613



62.2240, 20.1026, -54.5704

Complementary

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



76.0480, 10.8223, 28.8989



87.9520, -10.8223, -28.8989

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.



59.8470, 8.4564, -52.4858



76.0480, 10.8223, 28.8989



67.9670, -20.1967, -8.7411

Square

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



76.0480, 10.8223, 28.8989



72.5250, -22.9368, 30.2346



60.0800, -4.9694, -39.5352



62.5150, 28.8331, -54.8257

Rectangle

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



76.0480, 10.8223, 28.8989



73.1580, -9.4449, 42.8344



60.0800, -4.9694, -39.5352



61.8990, 16.3188, -54.2854

Sweetspot

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



76.0480, 10.8223, 28.8989



129.5160, 4.1826, 11.8255



64.4450, 21.9656, 1.3637



63.7280, 2.5991, 6.3775



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



76.0480, 10.8223, 28.8989



91.7540, 16.8833, 44.9427



72.9700, -0.9712, 31.5983



50.2500, 0.8628, 3.2887



45.5850, 23.3756, 62.6310



95.4850, 49.0609, 131.1247

Inverse Universe

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



76.0480, 10.8223, 28.8989



91.7540, 16.8833, 44.9427



91.0300, 0.9712, -31.5983



50.2500, 0.8628, 3.2887



45.5850, 23.3756, 62.6310



95.4850, 49.0609, 131.1247

Previews

White Background



This preview shows how the YUV color 76.0480, 10.8223, 28.8989 looks on a white background.

Color Contrast Check

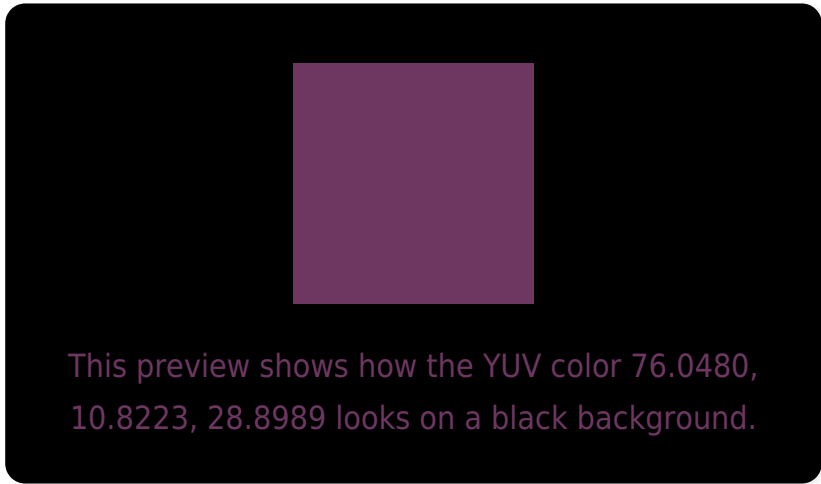
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

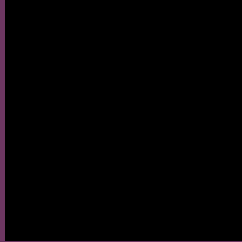
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.0480, 10.8223, 28.8989

Background



This preview shows how black text looks on a background with the YUV color 76.0480, 10.8223, 28.8989.



This preview shows how white text looks on a background with the YUV color 76.0480, 10.8223,

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

76.0480, 10.8223, 28.8989

Protanopia

73.8580, 18.8040, -11.2765

Deuteranopia

74.9100, 9.9044, -3.4291



Tritanopia

75.4270, -4.1545, 25.9355

Trichromacy



Original Color

76.0480, 10.8223, 28.8989

Protanomaly

74.2620, 16.1398, 3.2782

Deuteranomaly

75.1010, 10.3032, 8.6814

Tritanomaly

75.2190, 1.3710, 26.9949

Monochromacy



Original Color

76.0480, 10.8223, 28.8989

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.8040, 4.0406, 10.6959

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.0480, 10.8223, 28.8989 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(109, 55, 98)` looks like.

```
.text, #text, p{  
    color:rgb(109, 55, 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(109, 55, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 55, 98) }
```

Border

The CSS property to change the border of an element to YUV 76.0480, 10.8223, 28.8989 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(109, 55, 98) }
```


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

```
.border{ border-color:rgb(109, 55, 98) }
```

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

Here you see how a box with a 4 pixel rgb(109, 55, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 55, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 55, 98);  
box-shadow:4px 4px 4px 4px rgb(109, 55,  
98) }
```

Background

The CSS property to change the background color of an element to YUV 76.0480, 10.8223, 28.8989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 55, 98) }
```

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

```
.background{ background-color: rgb(109, 55,  
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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