

Converting Colors

YUV(104.2670, 38.8154,
10.2898)

Have a look what the booklet for
YUV(104.2670, 38.8154, 10.2898)
contains.

YUV(104.2670, 38.8154, 10.2898)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(104.2670, 38.8154,
10.2898)**

Conversions

Conversions Part 1

Format	Color
Hex	7453B7
RGB	116, 83, 183
RGB Percent	45%, 33%, 72%
CMY	0.5451, 0.6745, 0.2824
CMYK	0.37, 0.55, 0.00, 0.28
HSL	260°, 41%, 52%
HSV	260°, 55%, 72%
XYZ	18.8430, 13.3184, 46.3773
YIQ	104.2670, -12.4320, 38.0960

Conversions

Conversions Part 2

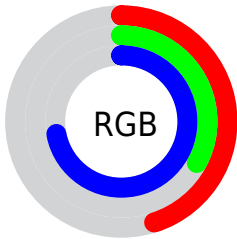
Format	Color
R _Y B	116, 83, 183
Decimal	7623607
CIE Lab	43.24, 36.20, -48.34
CIE LCh	43, 60.398, 306.830
Yxy	13.3184, 0.2399, 0.1696
Android (android.graphics.Color)	4285813687 (0xFF7453B7)
YUV	104.2670, 38.8154, 10.2898
Hunter-Lab	36.4944, 28.2987, -49.8000

Details

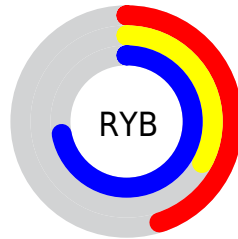
The YUV color **104.2670, 38.8154, 10.2898** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **161.7330, -38.8154, -10.2898**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.1470, 40.8465, 12.1491**, and **54.3760, 36.7896, 6.6862** is the 20% darker color. If you saturate the color by 10%, you get **90.1130, 45.7933, 12.1789**, and if you desaturate by 10%, it is **118.4210, 31.8374, 8.4008**.

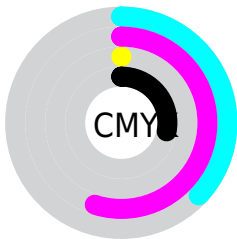
Distribution



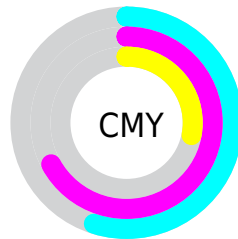
- Red (45%)
- Green (33%)
- Blue (72%)



- Red (45%)
- Yellow (33%)
- Blue (72%)



- Cyan (37%)
- Magenta (55%)
- Yellow (0%)
- Black (28%)



- Cyan (55%)
- Magenta (67%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.2670, 38.8154, 10.2898 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 104.2670, 38.8154, 10.2898 by changing the saturation by 10% instead.

■ 104.2670, 38.8154,
10.2898

■ 104.2670, 38.8154,
10.2898

■ 255.0000, 0.0000,
0.0000

■ 79.0280, 37.9472,
8.7454

■ 157.1470, 40.8465,
12.1491

■ 54.3760, 36.7896,
6.6862

■ 182.7900, 35.5995,
15.0932

■ 29.3540, 36.8005,
3.1975

■ 207.3100, 23.5112,
19.0221

■ 9.0060, 34.5070,
-7.8983

■ 231.5200, 11.5756,
20.5920

■ 6.2700, 24.0239,
-5.4988

■ 248.5430, 3.1833,
5.6628

■ 4.9360, 13.8356,
-4.3289

■ 0.5700, 2.1840,

-0.4999

■ 0.0000, 0.0000,
0.0000

■ 104.2670, 38.8154,
10.2898

■ 104.2670, 38.8154,
10.2898

■ 90.1130, 45.7933,
12.1789

■ 118.4210, 31.8374,
8.4008

■ 75.0730, 53.2080,
13.9680

■ 133.4610, 24.4227,
6.6117

■ 60.9190, 60.1859,
15.8570

■ 147.6150, 17.4448,
4.7226

■ 46.7650, 67.1639,
17.7461

■ 161.7690, 10.4669,
2.8336

■ 38.8020, 71.0896,
18.5906

■ 176.5100, 3.1996,
0.4297

■ 190.9630, -3.9258,
-0.8446

■ 205.1170,
-10.9037, -2.7336

■ 219.2710,
-17.8816, -4.6227

■ 234.0120,
-25.1489, -7.0265

Harmonies

Analogous

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



84.6630, 57.8471, -74.2495



104.2670, 38.8154, 10.2898



100.0040, 21.1970, 61.3865

Triad

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



104.2670, 38.8154, 10.2898



95.9410, -47.2989, 50.9177



85.6700, 13.4737, -75.1326

Complementary

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



104.2670, 38.8154, 10.2898



161.7330, -38.8154, -10.2898

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.



78.4540, -9.0978, -68.8042



104.2670, 38.8154, 10.2898



95.1340, -46.9011, 16.5455

Square

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



104.2670, 38.8154, 10.2898



94.7680, -24.5356, 76.5025



85.7330, -42.2664, -23.4448



90.5550, 34.7294, -79.4167

Rectangle

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



104.2670, 38.8154, 10.2898



93.9820, 7.8969, 80.6998



85.7330, -42.2664, -23.4448



83.6180, 5.6113, -73.3330

Sweetspot

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



104.2670, 38.8154, 10.2898



207.2190, 14.6820, 4.1929



134.3160, 24.0012, -45.0041



102.0140, 8.8671, 2.6187



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



104.2670, 38.8154, 10.2898



114.0330, 60.6227, 15.7571



118.9180, 31.5924, 40.4139



84.9230, 3.4890, 0.9445



33.0330, 60.6227, 15.7571



5.8830, 10.9037, 2.7336

Inverse Universe

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



120.5380, 14.5248, 54.7792



139.5000, 22.4315, 85.5075



147.0820, -31.5924, -40.4139



86.3750, 1.2941, 4.9331



58.5000, 22.4315, 85.5075



10.5380, 4.1718, 15.3142

Previews

White Background



This preview shows how the YUV color 104.2670, 38.8154, 10.2898 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 104.2670, 38.8154, 10.2898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

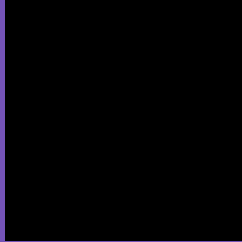
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.2670, 38.8154, 10.2898

Background



This preview shows how black text looks on a background with the YUV color 104.2670, 38.8154, 10.2898.



This preview shows how white text looks on a background with the YUV color 104.2670, 38.8154,

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

104.2670, 38.8154, 10.2898

Protanopia

93.0580, 52.2294, -45.6549

Deuteranopia

93.1150, 42.3413, -47.4589



Tritanopia

102.3140, 3.7892, -2.0294

Trichromacy



Original Color

104.2670, 38.8154, 10.2898

Protanomaly

96.9250, 47.3650, -25.3672

Deuteranomaly

96.9050, 40.9658, -26.2267

Tritanomaly

103.0770, 16.7240, 2.5635

Monochromacy



Original Color

104.2670, 38.8154, 10.2898

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.8060, 14.3926, 3.6781

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.2670, 38.8154, 10.2898 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(116, 83, 183)` looks like.

```
.text, #text, p{  
    color:rgb(116, 83, 183)  
}
```

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(116, 83, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 83, 183) }
```

Border

The CSS property to change the border of an element to YUV 104.2670, 38.8154, 10.2898 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(116, 83, 183) }
```


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

```
.border{ border-color:rgb(116, 83, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 83, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 83, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 83, 183);  
box-shadow:4px 4px 4px 4px rgb(116, 83,  
183) }
```

Background

The CSS property to change the background color of an element to YUV 104.2670, 38.8154, 10.2898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 83, 183) }
```

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

```
.background{ background-color: rgb(116, 83,  
183) }
```

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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