

Converting Colors

YUV(40.8300, 18.3248, 49.2611)

Have a look what the booklet for
YUV(40.8300, 18.3248, 49.2611)
contains.

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Color

**YUV(40.8300, 18.3248,
49.2611)**

Conversions

Conversions Part 1

Format	Color
Hex	61054E
RGB	97, 5, 78
RGB Percent	38%, 2%, 31%
CMY	0.6196, 0.9804, 0.6941
CMYK	0.00, 0.95, 0.20, 0.62
HSL	312°, 90%, 20%
HSV	312°, 95%, 38%
XYZ	6.3592, 3.2000, 7.4902
YIQ	40.8300, 31.3990, 42.2070

Conversions

Conversions Part 2

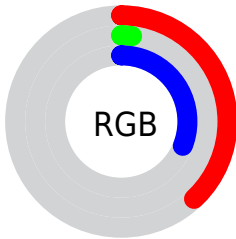
Format	Color
R_{YB}	97, 5, 78
Decimal	6358350
CIE _{Lab}	20.83, 44.24, -18.45
CIE _{LCh}	21, 47.936, 337.360
Yxy	3.2000, 0.3730, 0.1877
Android (android.graphics.Color)	4284548430 (0xFF61054E)
YUV	40.8300, 18.3248, 49.2611
Hunter-Lab	17.8885, 32.1500, -12.3038

Details

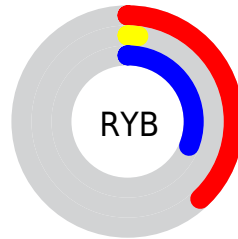
The YUV color **40.8300, 18.3248, 49.2611** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **61.1700, -18.3248, -49.2611**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.1950, 14.6939, 47.1870**, and **18.5270, 7.6282, 26.7248** is the 20% darker color. If you saturate the color by 10%, you get **37.7810, 19.3350, 51.9351**, and if you desaturate by 10%, it is **46.9280, 16.3045, 43.9131**.

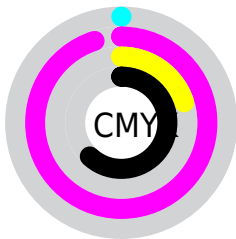
Distribution



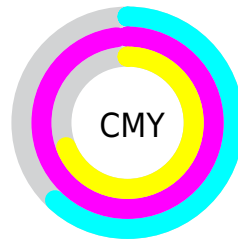
- Red (38%)
- Green (2%)
- Blue (31%)



- Red (38%)
- Yellow (2%)
- Blue (31%)



- Cyan (0%)
- Magenta (95%)
- Yellow (20%)
- Black (62%)



- Cyan (62%)
- Magenta (98%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 40.8300, 18.3248, 49.2611 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 40.8300, 18.3248, 49.2611 by changing the saturation by 10% instead.

40.8300, 18.3248,
49.2611

40.8300, 18.3248,
49.2611

255.0000, 0.0000,
0.0000

27.4990, 13.5580,
38.1504

97.1950, 14.6939,
47.1870

18.5270, 7.6282,
26.7248

123.7930, 14.3991,
48.4165

3.4890, 1.7309,
4.8331

150.5050, 14.5410,
49.5461

0.0000, 0.0000,
0.0000


178.2170, 14.6830,
50.6757


202.9390, 16.2991,
45.6575


221.5410, 16.4953,


29.3435


 238.5640, 8.1029,
14.4144


 40.8300, 18.3248,
49.2611


 40.8300, 18.3248,
49.2611


 37.7810, 19.3350,
51.9351

 46.9280, 16.3045,
43.9131

 52.4390, 14.5736,
39.0800

 58.5370, 12.5533,
33.7321

 64.6350, 10.5329,
28.3841

 70.7330, 8.5126,
23.0362

■ 76.2440, 6.7817,
18.2030

■ 82.3420, 4.7614,
12.8551

■ 88.4400, 2.7411,
7.5071

■ 93.9510, 1.0102,
2.6740

Harmonies

Analogous

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



50.0850, 28.0591, 6.9415



40.8300, 18.3248, 49.2611



37.4930, 2.7150, 62.7116

Triad

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



40.8300, 18.3248, 49.2611



46.9690, -23.1557, 7.0432



48.1700, 22.1012, -42.2451

Complementary

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



40.8300, 18.3248, 49.2611



61.1700, -18.3248, -49.2611

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.



44.1800, 6.8133, -38.7459



40.8300, 18.3248, 49.2611



38.8190, -19.1378, -21.7663

Square

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



40.8300, 18.3248, 49.2611



47.4220, -23.3790, 32.0789



39.3750, -9.0589, -34.5319



49.0310, 33.0157, -43.0002

Rectangle

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



40.8300, 18.3248, 49.2611



34.8600, -7.3260, 63.2668



39.3750, -9.0589, -34.5319



46.9160, 17.2964, -41.1453

Sweetspot

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



40.8300, 18.3248, 49.2611



103.6570, 7.0711, 18.7178



20.8700, 37.5321, 1.8680



50.5160, 4.1826, 11.8255



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



40.8300, 18.3248, 49.2611



48.6610, 24.8171, 66.9493



35.7000, -1.3311, 53.7601



45.5380, 0.7208, 2.1592



43.6340, 22.3654, 59.9570



93.4200, 47.6139, 128.5507

Inverse Universe

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



40.8300, 18.3248, 49.2611



48.6610, 24.8171, 66.9493



66.3000, 1.3311, -53.7601



45.5380, 0.7208, 2.1592



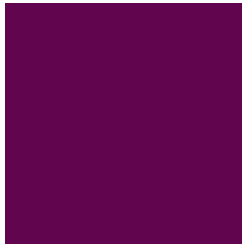
43.6340, 22.3654, 59.9570



93.4200, 47.6139, 128.5507

Previews

White Background



This preview shows how the YUV color 40.8300, 18.3248, 49.2611 looks on a white background.

Color Contrast Check

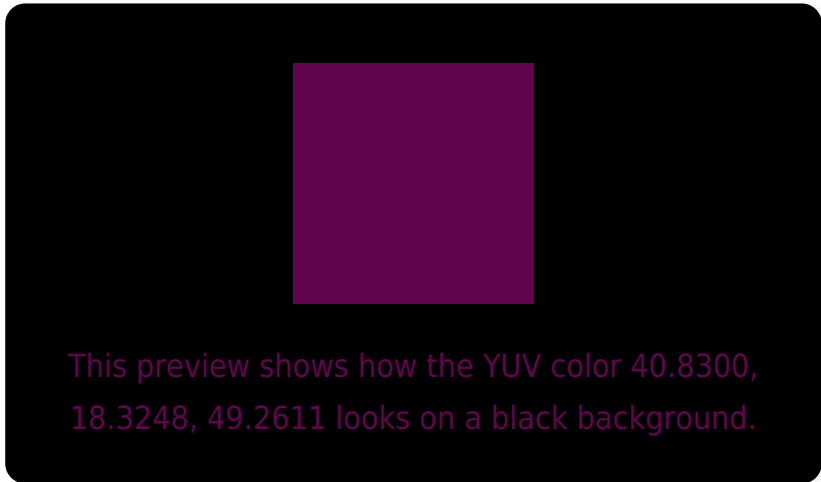
Large Text (above 18pt) WCAG AA ✓ Pass

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

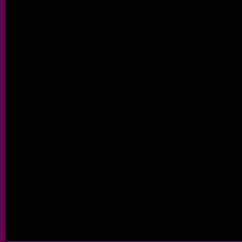
Any Text WCAG AA × Fail

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 40.8300, 18.3248, 49.2611 Background



This preview shows how black text looks on a background with the YUV color 40.8300, 18.3248, 49.2611.



This preview shows how white text looks on a background with the YUV color 40.8300, 18.3248,

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

40.8300, 18.3248, 49.2611

Protanopia

42.3630, 32.8520, -37.1524

Deuteranopia

53.4860, 9.6204, -5.6882



Tritanopia

49.7660, -8.2656, 37.9162

Trichromacy



Original Color

40.8300, 18.3248, 49.2611

Protanomaly

41.5950, 27.8077, -5.7838

Deuteranomaly

49.1170, 12.7603, 13.9294

Tritanomaly

46.6060, 1.1802, 41.5645

Monochromacy



Original Color

40.8300, 18.3248, 49.2611

Achromatopsia

41.0000, 0.0000, 0.0000

Achromatomaly

40.8310, 6.4923, 17.6882

CSS Examples

Text

The CSS property to change the color of the text to YUV 40.8300, 18.3248, 49.2611 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(97, 5, 78)` looks like.

```
.text, #text, p{  
    color:rgb(97, 5, 78)  
}
```

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(97, 5, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 5, 78) }
```

Border

The CSS property to change the border of an element to YUV 40.8300, 18.3248, 49.2611 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(97, 5, 78) }
```


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

```
.border{ border-color:rgb(97, 5, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 5, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 5, 78); -webkit-box-shadow:4px  
4px 4px 4px rgb(97, 5, 78); box-shadow:4px  
4px 4px 4px rgb(97, 5, 78) }
```

Background

The CSS property to change the background color of an element to YUV 40.8300, 18.3248, 49.2611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 5, 78) }
```

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

```
.background{ background-color: rgb(97, 5,  
78) }
```

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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