

Converting Colors

YUV(48.8380, 15.8559, 1.0191)

Have a look what the booklet for
YUV(48.8380, 15.8559, 1.0191)
contains.

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Color

**YUV(48.8380, 15.8559,
1.0191)**

Conversions

Conversions Part 1

Format	Color
Hex	322A51
RGB	50, 42, 81
RGB Percent	20%, 16%, 32%
CMY	0.8039, 0.8353, 0.6824
CMYK	0.38, 0.48, 0.00, 0.68
HSL	252°, 32%, 24%
HSV	252°, 48%, 32%
XYZ	3.6286, 2.9281, 8.1585
YIQ	48.8380, -7.7510, 13.8250

Conversions

Conversions Part 2

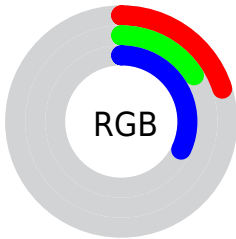
Format	Color
R_{YB}	50, 42, 81
Decimal	3287633
CIE _{Lab}	19.75, 14.25, -22.67
CIE _{LCh}	20, 26.778, 302.146
Yxy	2.9281, 0.2466, 0.1990
Android (android.graphics.Color)	4281477713 (0xFF322A51)
YUV	48.8380, 15.8559, 1.0191
Hunter-Lab	17.1117, 7.9055, -16.2900




Details

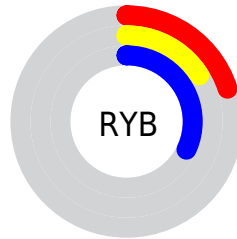
The YUV color **48.8380, 15.8559, 1.0191** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **74.1620, -15.8559, -1.0191**, and the grayscale version is **49.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **95.3050, 17.5976, 2.3635**, and **6.1970, 14.6929, 0.7042** is the 20% darker color. If you saturate the color by 10%, you get **42.3480, 19.0554, 1.4488**, and if you desaturate by 10%, it is **55.3280, 12.6563, 0.5893**.

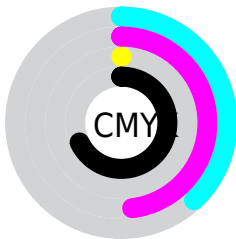
Distribution







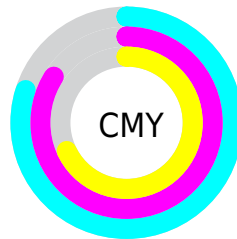
-  Red (20%)
-  Green (16%)
-  Blue (32%)






-  Red (20%)
-  Yellow (16%)
-  Blue (32%)



-  Cyan (38%)
-  Magenta (48%)
-  Yellow (0%)
-  Black (68%)



-  Cyan (80%)
-  Magenta (84%)
-  Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.8380, 15.8559, 1.0191 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 48.8380, 15.8559, 1.0191 by changing the saturation by 10% instead.

■ 48.8380, 15.8559,
1.0191

■ 48.8380, 15.8559,
1.0191

■ 255.0000, 0.0000,
0.0000

■ 27.0120, 15.2771,
-0.0105

■ 95.3050, 17.5976,
2.3635

■ 6.1970, 14.6929,
0.7042

■ 120.4190, 18.0344,
2.2635

■ 1.3680, 5.2416,
-1.1997

■ 145.9460, 18.7606,
2.6784

■ 0.0000, 0.0000,
0.0000

■ 173.0600, 19.1974,
2.5784

■ 200.4730, 19.4868,
3.0932

■ 226.4040, 14.0978,

4.9077

250.3040, 2.3151,
4.1184

48.8380, 15.8559,
1.0191

48.8380, 15.8559,
1.0191

42.3480, 19.0554,
1.4488

55.3280, 12.6563,
0.5893

35.5590, 22.4024,
1.2638

62.1170, 9.3093,
0.7744

29.0690, 25.6020,
1.6935

68.6070, 6.1097,
0.3447

22.2800, 28.9490,
1.5084

75.3960, 2.7628,
0.5297

15.2030, 32.4379,
2.4530

82.4730, -0.7262,
-0.4148

■ 14.3170, 32.8747,
2.3530

■ 89.2620, -4.0732,
-0.2298

■ 95.7520, -7.2727,
-0.6595

■ 102.5410,
-10.6197, -0.4745

■ 109.0310,
-13.8193, -0.9042

Harmonies

Analogous

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



39.2680, 23.5319, -34.4380



48.8380, 15.8559, 1.0191



49.3090, 8.2287, 20.7770

Triad

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



48.8380, 15.8559, 1.0191



46.3760, -16.9474, 22.4722



39.0450, 4.9078, -34.2425

Complementary

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



48.8380, 15.8559, 1.0191



74.1620, -15.8559, -1.0191

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.



37.6730, -4.2758, -28.6542



48.8380, 15.8559, 1.0191



44.9740, -20.6932, 10.5468

Square

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



48.8380, 15.8559, 1.0191



47.0810, -9.4069, 30.6240



43.5420, -15.5502, -5.7373



41.2110, 13.2070, -36.1420

Rectangle

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



48.8380, 15.8559, 1.0191



47.9850, 2.9654, 28.9542



43.5420, -15.5502, -5.7373



38.2470, 1.8502, -33.5426

Sweetspot

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



48.8380, 15.8559, 1.0191



92.6070, 6.1097, 0.3447



64.6430, 8.0640, -19.8579



45.7380, 4.0732, 0.2298



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



48.8380, 15.8559, 1.0191



54.5420, 24.8758, 1.2787



54.5190, 13.0551, 12.6998



37.7550, 1.5998, 0.2149



18.2490, 42.7682, 2.4126



40.8000, 94.2616, 6.3144

Inverse Universe

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



57.1950, 7.7919, 20.8770



67.7110, 11.9745, 32.7025



68.4810, -13.0551, -12.6998



38.5380, 0.7208, 2.1592



40.8570, 20.7765, 56.2534



90.3440, 46.1724, 124.2323

Previews

White Background



This preview shows how the YUV color 48.8380, 15.8559, 1.0191 looks on a white background.

Color Contrast Check

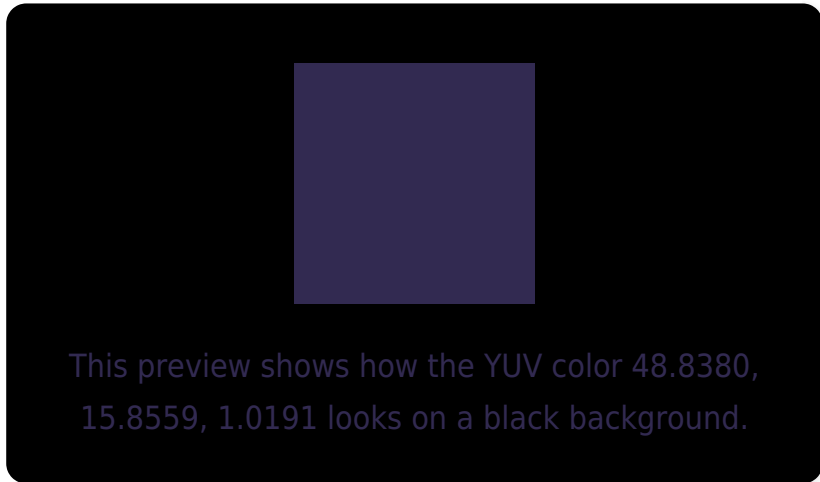
Large Text (above 18pt) WCAG AA ✓ Pass

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

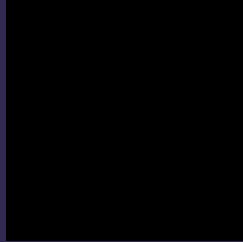
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.8380, 15.8559, 1.0191

Background



This preview shows how black text looks on a background with the YUV color 48.8380, 15.8559, 1.0191.



This preview shows how white text looks on a background with the YUV color 48.8380, 15.8559,

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

48.8380, 15.8559, 1.0191

Protanopia

46.3630, 19.5410, -14.3504

Deuteranopia

45.3690, 17.0731, -16.1096



Tritanopia

47.9610, 2.4842, -3.4738

Trichromacy



Original Color

48.8380, 15.8559, 1.0191

Protanomaly

47.0540, 18.2144, -8.8174

Deuteranomaly

46.5870, 16.4726, -10.1618

Tritanomaly

47.9380, 7.4256, -1.6996

Monochromacy



Original Color

48.8380, 15.8559, 1.0191

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.6070, 6.1097, 0.3447

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.8380, 15.8559, 1.0191 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(50, 42, 81)` looks like.

```
.text, #text, p{  
    color:rgb(50, 42, 81)  
}
```

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(50, 42, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 42, 81) }
```

Border

The CSS property to change the border of an element to YUV 48.8380, 15.8559, 1.0191 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(50, 42, 81) }
```


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

```
.border{ border-color:rgb(50, 42, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 42, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 42, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 42, 81);  
box-shadow:4px 4px 4px 4px rgb(50, 42, 81)  
}
```

Background

The CSS property to change the background color of an element to YUV 48.8380, 15.8559, 1.0191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 42, 81) }
```

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

```
.background{ background-color: rgb(50, 42,  
81) }
```

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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