

Converting Colors

YUV(38.4760, 5.1883, 62.7265)

Have a look what the booklet for
YUV(38.4760, 5.1883, 62.7265)
contains.

YUV(38.4760, 5.1883, 62.7265)	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(38.4760, 5.1883,
62.7265)**

Conversions

Conversions Part 1

Format	Color
Hex	6E0031
RGB	110, 0, 49
RGB Percent	43%, 0%, 19%
CMY	0.5686, 1.0000, 0.8078
CMYK	0.00, 1.00, 0.55, 0.57
HSL	333°, 100%, 22%
HSV	333°, 100%, 43%
XYZ	6.9848, 3.5367, 3.2203
YIQ	38.4760, 49.8310, 38.5590

Conversions

Conversions Part 2

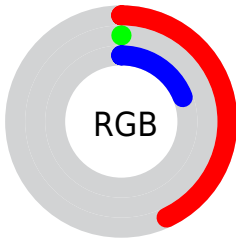
Format	Color
RYB	110, 0, 49
Decimal	7209009
CIELab	22.08, 45.31, 3.80
CIELCh	22, 45.467, 4.794
Yxy	3.5367, 0.5083, 0.2574
Android (android.graphics.Color)	4285399089 (0xFF6E0031)
YUV	38.4760, 5.1883, 62.7265
Hunter-Lab	18.8062, 33.3854, 3.0120

Details

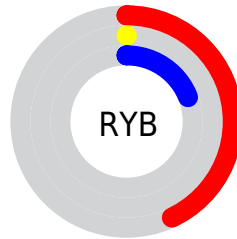
The YUV color **38.4760, 5.1883, 62.7265** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **71.5240, -5.1883, -62.7265**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.4450, -1.2054, 60.1227**, and **17.4560, -8.1128, 35.5571** is the 20% darker color. If you saturate the color by 10%, you get **38.4760, 5.1883, 62.7265**, and if you desaturate by 10%, it is **45.6170, 4.6258, 56.4639**.

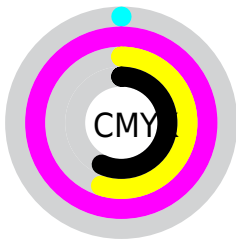
Distribution



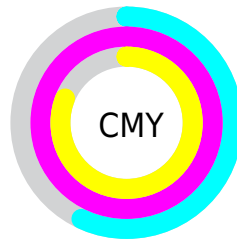
- Red (43%)
- Green (0%)
- Blue (19%)



- Red (43%)
- Yellow (0%)
- Blue (19%)



- Cyan (0%)
- Magenta (100%)
- Yellow (55%)
- Black (57%)



- Cyan (57%)
- Magenta (100%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.4760, 5.1883, 62.7265 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 38.4760, 5.1883, 62.7265 by changing the saturation by 10% instead.

■ 38.4760, 5.1883,
62.7265

■ 38.4760, 5.1883,
62.7265

■ 255.0000, 0.0000,
0.0000

■ 28.0090, -0.0044,
48.2271

■ 97.4450, -1.2054,
60.1227

■ 17.4560, -8.1128,
35.5571

■ 124.1140, -2.5212,
62.1670

■ 6.8770, -3.3904,
14.1399

■ 151.8970, -3.4002,
64.1113

■ 0.0000, 0.0000,
0.0000

■ 179.7940, -3.8424,
65.9557


■ 198.7210, 0.1375,
49.3567

■ 218.3490, 4.2649,

32.1429


 238.5640, 8.1029,
14.4144

 38.4760, 5.1883,
62.7265

 45.6170, 4.6258,
56.4639

 52.7580, 4.0633,
50.2012

 59.8990, 3.5008,
43.9386

 67.0400, 2.9383,
37.6759

 74.2950, 2.8126,
31.3133

■ 81.4360, 2.2501,
25.0506

■ 88.5770, 1.6875,
18.7880

■ 95.7180, 1.1250,
12.5253

■ 102.8590, 0.5625,
6.2627

Harmonies

Analogous

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



48.6180, 16.4573, 41.5540



38.4760, 5.1883, 62.7265



44.6710, -14.1348, 53.7855

Triad

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



38.4760, 5.1883, 62.7265



43.5810, -21.4854, -15.4185



50.5640, 31.2739, -44.3446

Complementary

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



38.4760, 5.1883, 62.7265



71.5240, -5.1883, -62.7265

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.



49.7030, 20.3594, -43.5895



38.4760, 5.1883, 62.7265



40.6630, -9.2009, -35.6615

Square

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



38.4760, 5.1883, 62.7265



49.3500, -24.3295, 10.2171



45.9410, 5.9451, -40.2903



46.6660, 36.6467, -40.9261

Rectangle

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



38.4760, 5.1883, 62.7265



47.7760, -23.5536, 41.4154



45.9410, 5.9451, -40.2903



50.4670, 28.3638, -44.2596

Sweetspot

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



38.4760, 5.1883, 62.7265



115.0230, 1.9607, 24.5358



30.4800, 39.2034, 25.8890



54.7290, 1.1196, 14.2697



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.



38.4760, 5.1883, 62.7265



50.0530, 6.8759, 81.5145



36.4120, -17.9511, 64.5367



52.1360, 0.4260, 3.3887



41.9220, 5.4615, 68.4744



86.3930, 11.6383, 140.8523

Inverse Universe

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



38.4760, 5.1883, 62.7265



50.0530, 6.8759, 81.5145



74.1750, 17.6617, -65.0515



52.1360, 0.4260, 3.3887



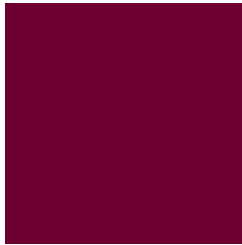
41.9220, 5.4615, 68.4744



86.3930, 11.6383, 140.8523

Previews

White Background



This preview shows how the YUV color 38.4760, 5.1883, 62.7265 looks on a white background.

Color Contrast Check

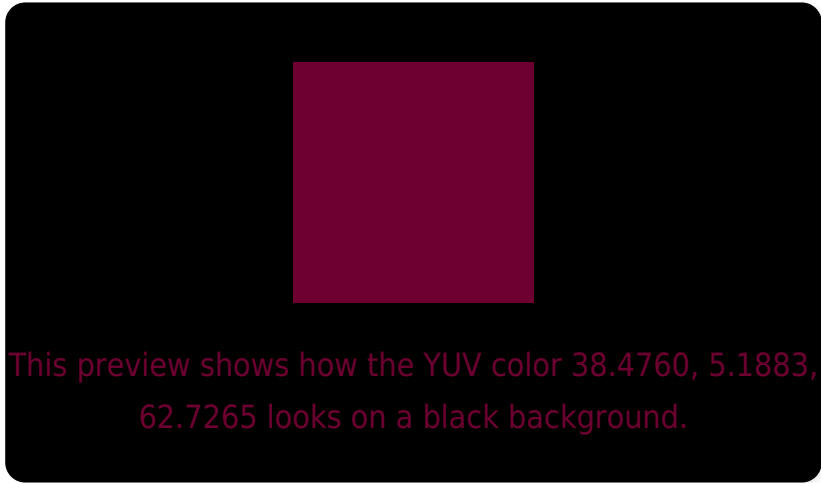
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.4760, 5.1883, 62.7265

Background



This preview shows how black text looks on a background with the YUV color 38.4760, 5.1883, 62.7265.



This preview shows how white text looks on a background with the YUV color 38.4760, 5.1883,

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

38.4760, 5.1883, 62.7265

Protanopia

56.8130, 6.9942, -3.3440

Deuteranopia

57.0350, -6.4263, 7.8623



Tritanopia

46.4970, -13.5560, 54.8151

Trichromacy



Original Color

38.4760, 5.1883, 62.7265

Protanomaly

50.4400, 6.1921, 20.6621

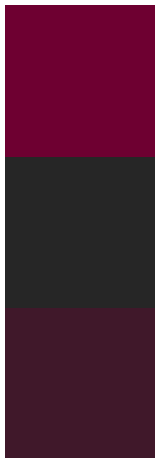
Deuteranomaly

50.3070, -2.1234, 27.7948

Tritanomaly

43.6420, -6.7255, 57.3190

Monochromacy



Original Color

38.4760, 5.1883, 62.7265

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

38.0120, 1.9661, 22.7915

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.4760, 5.1883, 62.7265 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(110, 0, 49)` looks like.

```
.text, #text, p{  
    color:rgb(110, 0, 49)  
}
```

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(110, 0, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 0, 49) }
```

Border

The CSS property to change the border of an element to YUV 38.4760, 5.1883, 62.7265 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(110, 0, 49) }
```


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

```
.border{ border-color:rgb(110, 0, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 0, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 0, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 0, 49);  
box-shadow:4px 4px 4px 4px rgb(110, 0, 49)  
}
```

Background

The CSS property to change the background color of an element to YUV 38.4760, 5.1883, 62.7265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 0, 49) }
```

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

```
.background{ background-color: rgb(110, 0,  
49) }
```

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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