

Converting Colors

YUV(38.3220, 5.2643, 38.3056)

Have a look what the booklet for
YUV(38.3220, 5.2643, 38.3056)
contains.

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Color

**YUV(38.3220, 5.2643,
38.3056)**

Conversions

Conversions Part 1

Format	Color
Hex	520E31
RGB	82, 14, 49
RGB Percent	32%, 5%, 19%
CMY	0.6784, 0.9451, 0.8078
CMYK	0.00, 0.83, 0.40, 0.68
HSL	329°, 71%, 19%
HSV	329°, 83%, 32%
XYZ	4.1911, 2.3297, 3.1345
YIQ	38.3220, 29.2930, 25.3010

Conversions

Conversions Part 2

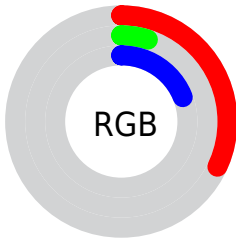
Format	Color
RYB	82, 14, 49
Decimal	5377585
CIELab	17.13, 33.84, -4.18
CIELCh	17, 34.099, 352.967
Yxy	2.3297, 0.4341, 0.2413
Android (android.graphics.Color)	4283567665 (0xFF520E31)
YUV	38.3220, 5.2643, 38.3056
Hunter-Lab	15.2632, 22.3031, -1.4917




Details

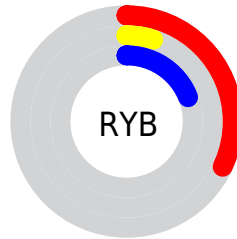
The YUV color **38.3220, 5.2643, 38.3056** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **57.6780, -5.2643, -38.3056**, and the grayscale version is **38.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **88.4640, 3.2222, 39.9351**, and **10.5790, -4.7224, 21.4172** is the 20% darker color. If you saturate the color by 10%, you get **33.1700, 5.8322, 42.8239**, and if you desaturate by 10%, it is **43.4740, 4.6963, 33.7873**.

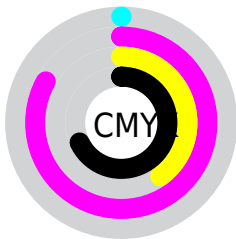
Distribution







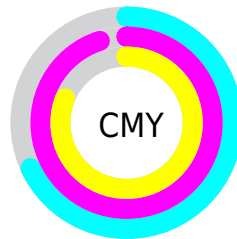
-  Red (32%)
-  Green (5%)
-  Blue (19%)






-  Red (32%)
-  Yellow (5%)
-  Blue (19%)



-  Cyan (0%)
-  Magenta (83%)
-  Yellow (40%)
-  Black (68%)



-  Cyan (68%)
-  Magenta (95%)
-  Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.3220, 5.2643, 38.3056 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 38.3220, 5.2643, 38.3056 by changing the saturation by 10% instead.

38.3220, 5.2643,
38.3056

38.3220, 5.2643,
38.3056

253.2390, 0.8682,
1.5444

20.2350, 3.8281,
32.2429

88.4640, 3.2222,
39.9351

10.5790, -4.7224,
21.4172

114.3610, 2.7800,
41.7794

0.0000, 0.0000,
0.0000

140.2580, 2.3378,
43.6237


166.9700, 2.4798,
44.7533

194.5680, 2.1850,
45.9829


216.5880, 5.1331,


33.6873


 236.2160, 9.2605,
16.4736


 38.3220, 5.2643,
38.3056


 38.3220, 5.2643,
38.3056


 33.1700, 5.8322,
42.8239


 43.4740, 4.6963,
33.7873

 29.3060, 6.2581,
46.2126

 48.6260, 4.1284,
29.2690

 54.3650, 3.2711,
24.2359

 59.5170, 2.7031,
19.7176

 64.6690, 2.1352,
15.1993

■ 69.8210, 1.5672,
10.6810

■ 74.9730, 0.9993,
6.1627

■ 80.7120, 0.1420,
1.1296

■ 85.8640, -0.4260,
-3.3887

Harmonies

Analogous

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



42.9050, 14.3438, 19.3773



38.3220, 5.2643, 38.3056



37.3580, -6.0925, 40.9050

Triad

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



38.3220, 5.2643, 38.3056



37.7660, -18.6186, -1.5488



39.1710, 20.6217, -34.3530

Complementary

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



38.3220, 5.2643, 38.3056



57.6780, -5.2643, -38.3056

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.



38.0650, 11.3070, -33.3830



38.3220, 5.2643, 38.3056



30.8490, -11.2646, -27.0546

Square

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



38.3220, 5.2643, 38.3056



40.2350, -19.8359, 15.5799



35.1010, -0.0498, -30.7836



37.9630, 26.1472, -33.2936

Rectangle

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



38.3220, 5.2643, 38.3056



38.3930, -15.9697, 35.6123



35.1010, -0.0498, -30.7836



39.0740, 17.7115, -34.2679

Sweetspot

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



38.3220, 5.2643, 38.3056



89.6690, 2.1352, 15.1993



31.6190, 24.8378, 13.4891



43.1090, 1.4253, 9.5514



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.



38.3220, 5.2643, 38.3056



38.2630, 8.2513, 60.2823



34.4460, -9.5869, 41.7049



38.4240, 0.2840, 2.2592



37.5510, 8.1094, 59.1528



82.9340, 17.7805, 130.7309

Inverse Universe

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



38.3220, 5.2643, 38.3056



38.2630, 8.2513, 60.2823



61.5540, 9.5869, -41.7049



38.4240, 0.2840, 2.2592



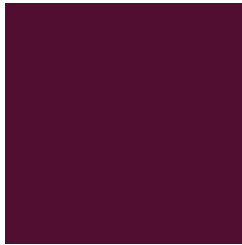
37.5510, 8.1094, 59.1528



82.9340, 17.7805, 130.7309

Previews

White Background



This preview shows how the YUV color 38.3220, 5.2643, 38.3056 looks on a white background.

Color Contrast Check

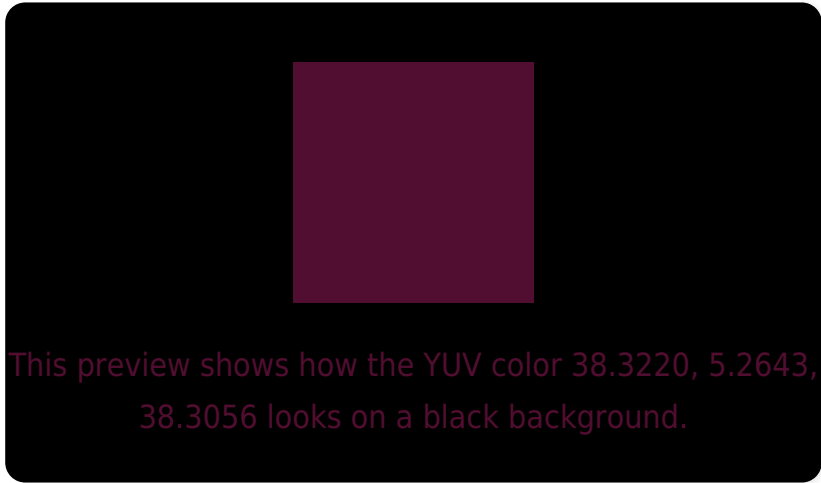
Large Text (above 18pt) WCAG AA ✓ Pass

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

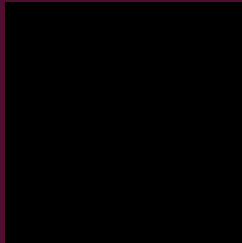
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 38.3220, 5.2643, 38.3056

Background



This preview shows how black text looks on a background with the YUV color 38.3220, 5.2643, 38.3056.



This preview shows how white text looks on a background with the YUV color 38.3220, 5.2643,

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

38.3220, 5.2643, 38.3056

Protanopia

44.3440, 11.6624, -7.3177

Deuteranopia

44.8370, 0.5734, 2.7740



Tritanopia

40.1570, -7.9654, 34.9423

Trichromacy



Original Color

38.3220, 5.2643, 38.3056

Protanomaly

42.1720, 9.2822, 9.4962

Deuteranomaly

42.0820, 2.4246, 15.7141

Tritanomaly

39.7210, -3.3135, 36.2017

Monochromacy



Original Color

38.3220, 5.2643, 38.3056

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

37.9570, 1.9932, 14.0697

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.3220, 5.2643, 38.3056 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(82, 14, 49)` looks like.

```
.text, #text, p{  
    color:rgb(82, 14, 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(82, 14, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 14, 49) }
```

Border

The CSS property to change the border of an element to YUV 38.3220, 5.2643, 38.3056 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(82, 14, 49) }
```


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

```
.border{ border-color:rgb(82, 14, 49) }
```

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

Here you see how a box with a 4 pixel rgb(82, 14, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 14, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 14, 49);  
box-shadow:4px 4px 4px 4px rgb(82, 14, 49)  
}
```

Background

The CSS property to change the background color of an element to YUV 38.3220, 5.2643, 38.3056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 14, 49) }
```

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

```
.background{ background-color: rgb(82, 14,  
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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