

Converting Colors

YUV(38.8230, 11.9193, 3.6632)

Have a look what the booklet for
YUV(38.8230, 11.9193, 3.6632)
contains.

YUV(38.8230, 11.9193, 3.6632)	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(38.8230, 11.9193,
3.6632)**

Conversions

Conversions Part 1

Format	Color
Hex	2B203F
RGB	43, 32, 63
RGB Percent	17%, 13%, 25%
CMY	0.8314, 0.8745, 0.7529
CMYK	0.32, 0.49, 0.00, 0.75
HSL	261°, 33%, 19%
HSV	261°, 49%, 25%
XYZ	2.4100, 1.9055, 4.9434
YIQ	38.8230, -3.3950, 11.9730

Conversions

Conversions Part 2

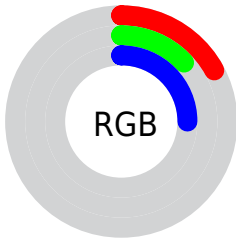
Format	Color
RYB	43, 32, 63
Decimal	2826303
CIELab	14.98, 13.34, -17.93
CIELCh	15, 22.349, 306.655
Yxy	1.9055, 0.2603, 0.2058
Android (android.graphics.Color)	4281016383 (0xFF2B203F)
YUV	38.8230, 11.9193, 3.6632
Hunter-Lab	13.8040, 7.0066, -11.5698




Details

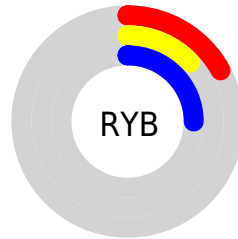
The YUV color **38.8230, 11.9193, 3.6632** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **56.1770, -11.9193, -3.6632**, and the grayscale version is **39.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **84.1760, 13.2242, 5.1076**, and **2.8670, 8.4466, -2.5144** is the 20% darker color. If you saturate the color by 10%, you get **34.1050, 14.2452, 4.2929**, and if you desaturate by 10%, it is **43.5410, 9.5933, 3.0335**.

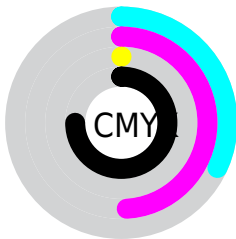
Distribution







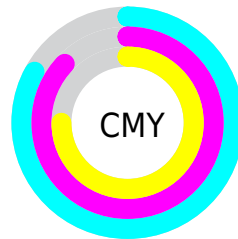
-  Red (17%)
-  Green (13%)
-  Blue (25%)






-  Red (17%)
-  Yellow (13%)
-  Blue (25%)



-  Cyan (32%)
-  Magenta (49%)
-  Yellow (0%)
-  Black (75%)



-  Cyan (83%)
-  Magenta (87%)
-  Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.8230, 11.9193, 3.6632 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 38.8230, 11.9193, 3.6632 by changing the saturation by 10% instead.

■ 38.8230, 11.9193,
3.6632

■ 38.8230, 11.9193,
3.6632

■ 255.0000, 0.0000,
0.0000

■ 17.4210, 11.6244,
4.8928

■ 84.1760, 13.2242,
5.1076

■ 2.8670, 8.4466,
-2.5144

■ 108.2900, 13.6610,
5.0077

■ 0.0000, 0.0000,
0.0000

■ 133.8170, 14.3872,
5.4225

■ 160.2300, 14.6766,
5.9373

■ 187.3440, 15.1134,
5.8373

■ 214.7570, 15.4028,

6.3521

240.8900, 6.9562,
8.8665

38.8230, 11.9193,
3.6632

38.8230, 11.9193,
3.6632

34.1050, 14.2452,
4.2929

43.5410, 9.5933,
3.0335

28.8000, 16.8606,
5.4374

48.8460, 6.9779,
1.8891

24.0820, 19.1866,
6.0671

53.5640, 4.6519,
1.2594

19.3640, 21.5125,
6.6968

58.2820, 2.3260,
0.6297

14.0590, 24.1279,
7.8413

63.5870, -0.2894,
-0.5148

■ 13.7600, 24.2753,
7.2265

■ 68.3050, -2.6154,
-1.1445

■ 73.0230, -4.9413,
-1.7742

■ 78.0400, -7.4147,
-1.7891

■ 83.3450, -10.0301,
-2.9336

Harmonies

Analogous

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



33.7600, 17.3733, -19.0835



38.8230, 11.9193, 3.6632



38.6030, 5.6187, 17.8882

Triad

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



38.8230, 11.9193, 3.6632



35.9840, -15.7681, 17.5540



31.0890, 4.8861, -27.2651

Complementary

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



38.8230, 11.9193, 3.6632



56.1770, -11.9193, -3.6632

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.



28.9770, -1.9607, -24.5358



38.8230, 11.9193, 3.6632



35.4620, -17.4828, 7.4878

Square

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



38.8230, 11.9193, 3.6632



36.6780, -8.2223, 23.9614



33.7530, -12.2032, -5.9224



32.7990, 11.4381, -28.7647

Rectangle

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



38.8230, 11.9193, 3.6632



37.4960, 1.2345, 24.1210



33.7530, -12.2032, -5.9224



30.4050, 2.2653, -26.6652

Sweetspot

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



38.8230, 11.9193, 3.6632



71.9770, 4.9413, 1.7742



47.2740, 7.7529, -13.3953



34.8090, 3.0522, 1.0445



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



38.8230, 11.9193, 3.6632



43.9680, 18.7498, 6.1671



43.3080, 9.7082, 12.8849



28.6410, 1.1630, 0.3148



20.5830, 36.1946, 10.8897



48.9290, 85.3240, 26.3723

Inverse Universe

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



43.5490, 4.1663, 17.0585



51.2990, 6.7546, 26.9248



51.6920, -9.7082, -12.8849



29.1250, 0.4314, 1.6444



35.0600, 12.7884, 51.6904



82.6800, 29.7378, 122.1836

Previews

White Background



This preview shows how the YUV color 38.8230, 11.9193, 3.6632 looks on a white background.

Color Contrast Check

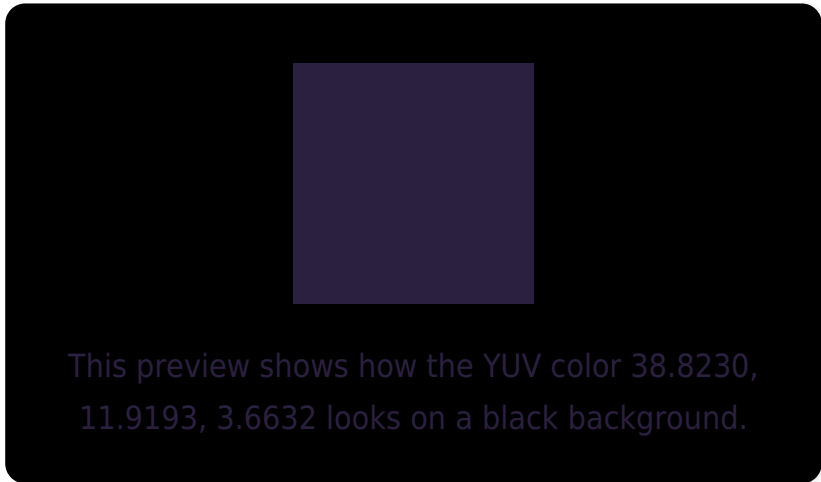
Large Text (above 18pt) WCAG AA ✓ Pass

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

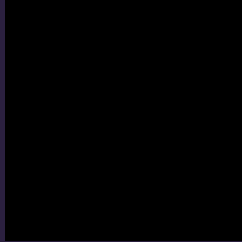
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 38.8230, 11.9193, 3.6632

Background



This preview shows how black text looks on a background with the YUV color 38.8230, 11.9193, 3.6632.



This preview shows how white text looks on a background with the YUV color 38.8230, 11.9193,

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

38.8230, 11.9193, 3.6632

Protanopia

36.3480, 15.6044, -11.7062

Deuteranopia

36.2510, 12.6943, -11.6211



Tritanopia

37.6410, 1.1630, 0.3148

Trichromacy



Original Color

38.8230, 11.9193, 3.6632

Protanomaly

37.0390, 14.2778, -6.1732

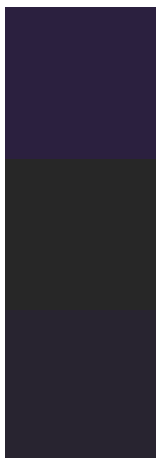
Deuteranomaly

37.1700, 12.2412, -6.2881

Tritanomaly

37.9770, 4.9413, 1.7742

Monochromacy



Original Color

38.8230, 11.9193, 3.6632

Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

38.5640, 4.6519, 1.2594

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.8230, 11.9193, 3.6632 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(43, 32, 63)` looks like.

```
.text, #text, p{  
    color:rgb(43, 32, 63)  
}
```

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(43, 32, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 32, 63) }
```

Border

The CSS property to change the border of an element to YUV 38.8230, 11.9193, 3.6632 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(43, 32, 63) }
```


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

```
.border{ border-color:rgb(43, 32, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 32, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 32, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 32, 63);  
box-shadow:4px 4px 4px 4px rgb(43, 32, 63)  
}
```

Background

The CSS property to change the background color of an element to YUV 38.8230, 11.9193, 3.6632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 32, 63) }
```

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

```
.background{ background-color: rgb(43, 32,  
63) }
```

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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