

Converting Colors

YUV(38.7520, 23.2933, 42.3135)

Have a look what the booklet for
YUV(38.7520, 23.2933, 42.3135)
contains.

YUV(38.7520, 23.2933, 42.3135)	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(38.7520, 23.2933,
42.3135)**

Conversions

Conversions Part 1

Format	Color
Hex	570556
RGB	87, 5, 86
RGB Percent	34%, 2%, 34%
CMY	0.6588, 0.9804, 0.6627
CMYK	0.00, 0.94, 0.01, 0.66
HSL	301°, 89%, 18%
HSV	301°, 94%, 34%
XYZ	5.6645, 2.8067, 9.0473
YIQ	38.7520, 22.8710, 42.5750

Conversions

Conversions Part 2

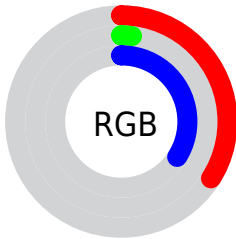
Format	Color
RYB	87, 5, 86
Decimal	5702998
CIELab	19.25, 43.35, -26.49
CIElCh	19, 50.808, 328.571
Yxy	2.8067, 0.3233, 0.1602
Android (android.graphics.Color)	4283893078 (0xFF570556)
YUV	38.7520, 23.2933, 42.3135
Hunter-Lab	16.7531, 31.0355, -20.2916

Details

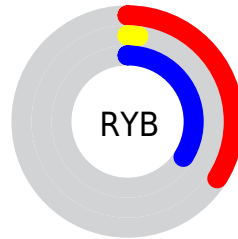
The YUV color **38.7520, 23.2933, 42.3135** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **53.2480, -23.2933, -42.3135**, and the grayscale version is **39.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.7580, 20.8253, 40.5542**, and **16.9330, 11.8650, 21.1068** is the 20% darker color. If you saturate the color by 10%, you get **35.8170, 24.7402, 44.8875**, and if you desaturate by 10%, it is **44.0350, 20.6887, 37.6803**.

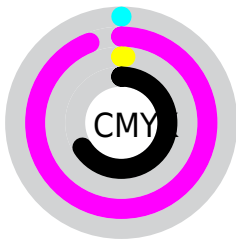
Distribution



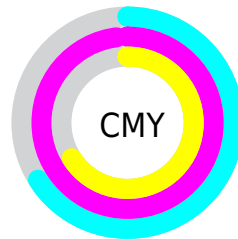
- Red (34%)
- Green (2%)
- Blue (34%)



- Red (34%)
- Yellow (2%)
- Blue (34%)



- Cyan (0%)
- Magenta (94%)
- Yellow (1%)
- Black (66%)



- Cyan (66%)
- Magenta (98%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.7520, 23.2933, 42.3135 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 38.7520, 23.2933, 42.3135 by changing the saturation by 10% instead.

■ 38.7520, 23.2933,
42.3135

■ 38.7520, 23.2933,
42.3135

■ 253.8260, 0.5788,
1.0296

■ 25.6060, 17.9422,
31.9175

■ 93.7580, 20.8253,
40.5542

■ 16.9330, 11.8650,
21.1068

■ 120.1710, 21.1147,
41.0690

■ 2.6390, 7.5730,
-2.3144

■ 146.8830, 21.2567,
42.1986

■ 0.0000, 0.0000,
0.0000


■ 174.0080, 21.6881,
43.8430

■ 201.7200, 21.8300,
44.9726


■ 219.7800, 17.3635,


30.8879


 236.8030, 8.9711,
15.9588


 38.7520, 23.2933,
42.3135


 38.7520, 23.2933,
42.3135


 35.8170, 24.7402,
44.8875

 44.0350, 20.6887,
37.6803

 48.7310, 18.3736,
33.5619

 54.0140, 15.7691,
28.9287

 59.2970, 13.1646,
24.2955

 64.1070, 11.2862,
20.0772

■ 69.3900, 8.6817,
15.4440

■ 74.6730, 6.0772,
10.8108

■ 79.9560, 3.4727,
6.1776

■ 84.6520, 1.1576,
2.0592

Harmonies

Analogous

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



43.2720, 34.3759, -12.5165



38.7520, 23.2933, 42.3135



37.6930, 6.0674, 60.7822

Triad

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



38.7520, 23.2933, 42.3135



44.3550, -21.8670, 13.7207



45.1550, 18.1646, -39.6009

Complementary

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



38.7520, 23.2933, 42.3135



53.2480, -23.2933, -42.3135

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.



40.8230, 1.5663, -35.8018



38.7520, 23.2933, 42.3135



38.2760, -18.8701, -14.2741

Square

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



38.7520, 23.2933, 42.3135



42.1610, -20.7854, 40.2008



34.6330, -17.0741, -30.3731



47.8740, 31.1211, -41.9855

Rectangle

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



38.7520, 23.2933, 42.3135



34.9570, -4.4158, 63.1817



34.6330, -17.0741, -30.3731



43.6730, 12.4862, -38.3012

Sweetspot

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



38.7520, 23.2933, 42.3135



93.8030, 8.9711, 15.9588



14.3480, 35.8174, -8.1982



44.8470, 5.4984, 9.7812



184.0000, 0.0000, 0.0000



56.0000, 0.0000, 0.0000

Same Dimension

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



38.7520, 23.2933, 42.3135



46.1420, 31.9750, 57.7575



34.1920, 5.8213, 46.3126



40.6520, 1.1576, 2.0592



44.0770, 30.5280, 55.1835



96.7130, 66.6965, 121.2777

Inverse Universe

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



38.7520, 23.2933, 42.3135



46.1420, 31.9750, 57.7575



57.8080, -5.8213, -46.3126



40.6520, 1.1576, 2.0592



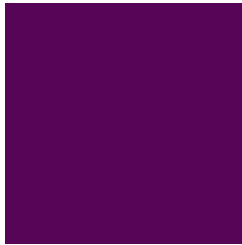
44.0770, 30.5280, 55.1835



96.7130, 66.6965, 121.2777

Previews

White Background



This preview shows how the YUV color 38.7520, 23.2933, 42.3135 looks on a white background.

Color Contrast Check

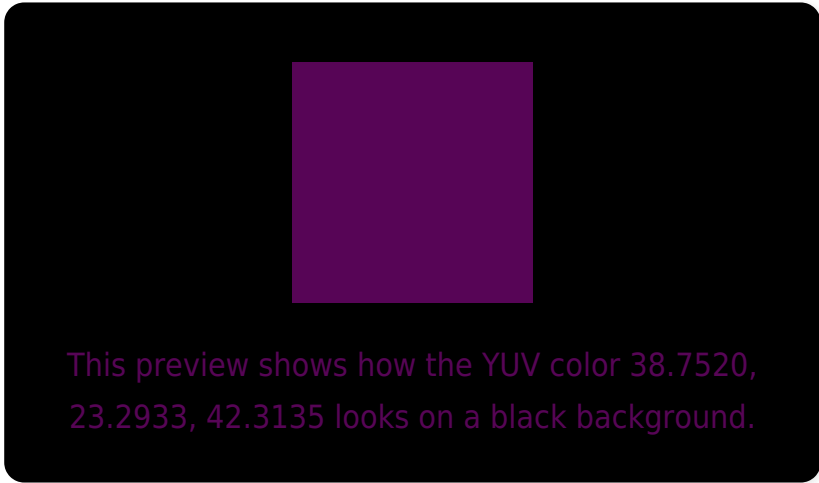
Large Text (above 18pt) WCAG AA ✓ Pass

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

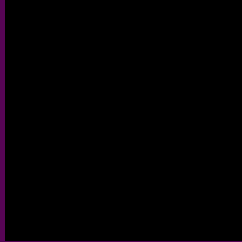
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 38.7520, 23.2933, 42.3135

Background



This preview shows how black text looks on a background with the YUV color 38.7520, 23.2933, 42.3135.



This preview shows how white text looks on a background with the YUV color 38.7520, 23.2933,

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

38.7520, 23.2933, 42.3135

Protanopia

39.8040, 30.6626, -34.9081

Deuteranopia

47.8530, 16.3415, -14.7801



Tritanopia

48.5800, -6.2019, 29.3093

Trichromacy



Original Color

38.7520, 23.2933, 42.3135

Protanomaly

39.2960, 27.9551, -6.3986

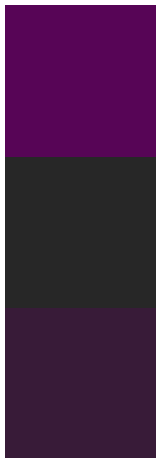
Deuteranomaly

44.6690, 18.8972, 5.5523

Tritanomaly

44.7730, 4.5489, 34.4021

Monochromacy



Original Color

38.7520, 23.2933, 42.3135

Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

38.9770, 8.3923, 14.9292

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.7520, 23.2933, 42.3135 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(87, 5, 86)` looks like.

```
.text, #text, p{  
    color:rgb(87, 5, 86)  
}
```

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(87, 5, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 5, 86) }
```

Border

The CSS property to change the border of an element to YUV 38.7520, 23.2933, 42.3135 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(87, 5, 86) }
```


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

```
.border{ border-color:rgb(87, 5, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 5, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 5, 86); -webkit-box-shadow:4px  
4px 4px 4px rgb(87, 5, 86); box-shadow:4px  
4px 4px 4px rgb(87, 5, 86) }
```

Background

The CSS property to change the background color of an element to YUV 38.7520, 23.2933, 42.3135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 5, 86) }
```

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

```
.background{ background-color: rgb(87, 5,  
86) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor