

# Converting Colors

YUV(43.3290, 38.2918, 38.2995)

Have a look what the booklet for  
YUV(43.3290, 38.2918, 38.2995)  
contains.

<b>YUV(43.3290, 38.2918, 38.2995)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(43.3290, 38.2918,  
38.2995)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	570679
RGB	87, 6, 121
RGB Percent	34%, 2%, 47%
CMY	0.6588, 0.9765, 0.5255
CMYK	0.28, 0.95, 0.00, 0.53
HSL	282°, 91%, 25%
HSV	282°, 95%, 47%
XYZ	7.4468, 3.5370, 18.3794
YIQ	43.3290, 11.3610, 52.9370

# Conversions

## Conversions Part 2

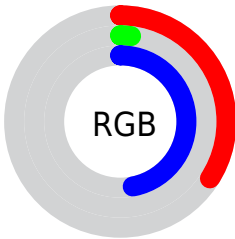
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 6, 121
Decimal	5703289
CIELab	22.08, 49.82, -44.88
CIELCh	22, 67.057, 317.988
Yxy	3.5370, 0.2536, 0.1205
Android (android.graphics.Color)	4283893369 (0xFF570679)
YUV	43.3290, 38.2918, 38.2995
Hunter-Lab	18.8068, 37.7674, -44.7777

# Details

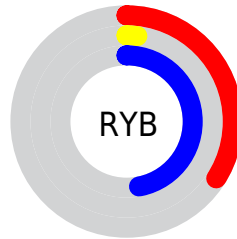
The YUV color **43.3290, 38.2918, 38.2995** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **83.6710, -38.2918, -38.2995**, and the grayscale version is **43.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.1500, 36.4081, 35.8255**, and **18.8580, 25.7060, 15.0335** is the 20% darker color. If you saturate the color by 10%, you get **39.2090, 40.3230, 40.1587**, and if you desaturate by 10%, it is **51.5690, 34.2295, 34.5810**.

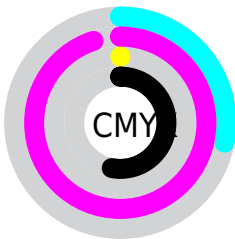
# Distribution



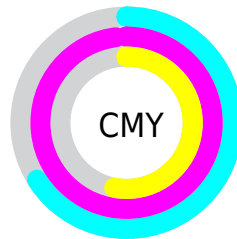
- Red (34%)
- Green (2%)
- Blue (47%)



- Red (34%)
- Yellow (2%)
- Blue (47%)



- Cyan (28%)
- Magenta (95%)
- Yellow (0%)
- Black (53%)



- Cyan (66%)
- Magenta (98%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 43.3290, 38.2918, 38.2995 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 43.3290, 38.2918, 38.2995 by changing the saturation by 10% instead.



43.3290, 38.2918,  
38.2995

43.3290, 38.2918,  
38.2995

255.0000, 0.0000,  
0.0000

29.1830, 32.9408,  
27.9035

100.1500, 36.4081,  
35.8255

18.8580, 25.7060,  
15.0335

126.9760, 36.9868,  
36.8550

5.4720, 20.9663,  
-4.7989

154.3890, 37.2762,  
37.3698

3.5510, 11.0674,  
-3.1142


181.1720, 36.3972,  
39.3142


0.0000, 0.0000,  
0.0000


206.2790, 24.0195,  
42.7283


222.7150, 15.9165,


28.3139


 239.1510, 7.8136,  
13.8996


 43.3290, 38.2918,  
38.2995


 43.3290, 38.2918,  
38.2995


 39.2090, 40.3230,  
40.1587

 51.5690, 34.2295,  
34.5810

 59.5100, 30.3146,  
30.2477

 67.7500, 26.2523,  
26.5293

 75.6910, 22.3373,  
22.1960

 83.9310, 18.2750,  
18.4775

■ 92.4590, 14.0707,  
13.6295

■ 100.6990, 10.0084,  
9.9110

■ 108.9390, 5.9461,  
6.1925

■ 116.8800, 2.0312,  
1.8592

# Harmonies

## Analogous

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



46.5640, 51.4869, -40.8366



43.3290, 38.2918, 38.2995



46.2240, 14.1866, 69.9636

# Triad

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



43.3290, 38.2918, 38.2995



50.3460, -24.8206, 27.7606



51.1390, 15.7075, -44.8489

# Complementary

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



43.3290, 38.2918, 38.2995



83.6710, -38.2918, -38.2995

# 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.



43.9230, -6.8640, -38.5205



43.3290, 38.2918, 38.2995



46.2830, -22.8175, -8.1412

# Square

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



43.3290, 38.2918, 38.2995



34.3850, -16.9518, 70.6994



39.3290, -19.3892, -34.4915



56.2690, 35.3634, -49.3479



# Rectangle

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



43.3290, 38.2918, 38.2995



44.6690, -0.8228, 77.4663



39.3290, -19.3892, -34.4915



48.6140, 8.5713, -42.6345

# Sweetspot

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



43.3290, 38.2918, 38.2995



127.1110, 15.2283, 15.6887



39.0680, 40.3925, -29.0006



60.1720, 9.2822, 9.4962



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000



# Same Dimension

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



43.3290, 38.2918, 38.2995



51.2010, 52.6519, 52.4437



50.8730, 23.2336, 61.5014



56.8800, 2.0312, 1.8592



40.5620, 41.6279, 41.6031



81.9500, 83.8347, 84.2358



# Inverse Universe

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



44.2610, -2.1007, 67.3001



52.6000, -2.7608, 92.4358



76.1270, -23.2336, -61.5014



57.0220, -0.0108, 3.4887



41.5930, -2.2643, 73.1479

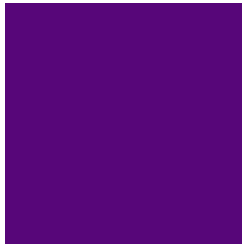


83.8980, -4.3867, 147.4255



# Previews

## White Background



This preview shows how the YUV color 43.3290, 38.2918, 38.2995 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

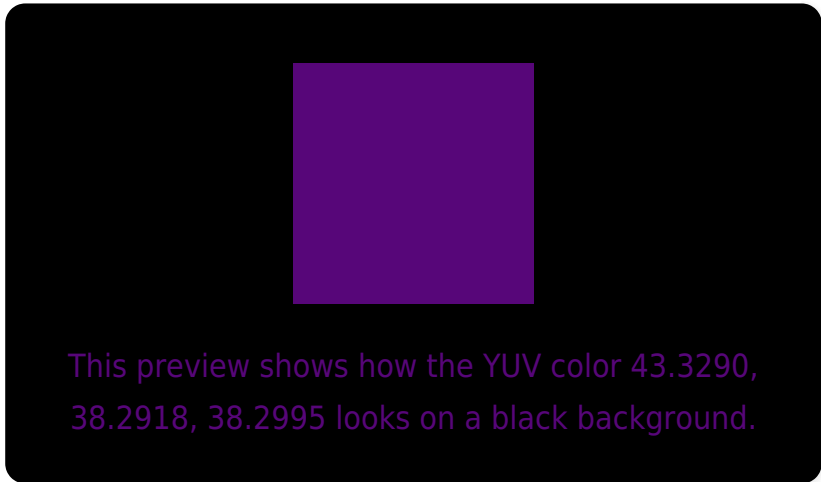
Any Text WCAG AA ✓ Pass

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

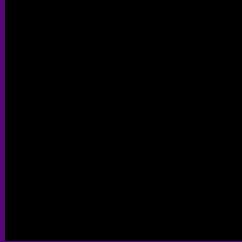
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 43.3290, 38.2918, 38.2995

## Background



This preview shows how black text looks on a background with the YUV color 43.3290, 38.2918, 38.2995.



This preview shows how white text looks on a background with the YUV color 43.3290, 38.2918,



# 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

43.3290, 38.2918, 38.2995

### Protanopia

44.5800, 33.7311, -39.0967

### Deuteranopia

44.6310, 26.3109, -39.1414



## Tritanopia

56.4150, -2.6696, 16.2990

# Trichromacy



## Original Color

43.3290, 38.2918, 38.2995

## Protanomaly

44.5110, 35.2441, -10.9721

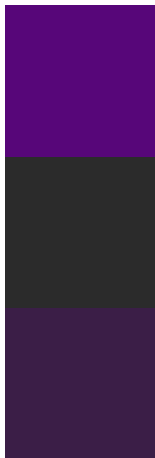
## Deuteranomaly

43.9580, 30.5867, -10.4872

## Tritanomaly

51.6560, 12.0016, 23.9807

# Monochromacy



## Original Color

43.3290, 38.2918, 38.2995

## Achromatopsia

43.0000, 0.0000, 0.0000

## Achromatomaly

43.3450, 13.6339, 13.7294

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 43.3290, 38.2918, 38.2995 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, 6, 121)` looks like.

```
.text, #text, p{  
    color:rgb(87, 6, 121)  
}
```

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, 6, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 6, 121) }
```

## Border

The CSS property to change the border of an element to YUV 43.3290, 38.2918, 38.2995 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, 6, 121) }
```



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

```
.border{ border-color:rgb(87, 6, 121) }
```

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

Here you see how a box with a 4 pixel rgb(87, 6, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 6, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 6, 121);  
box-shadow:4px 4px 4px 4px rgb(87, 6, 121)  
}
```

# Background

The CSS property to change the background color of an element to YUV 43.3290, 38.2918, 38.2995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 6, 121) }
```

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

```
.background{ background-color: rgb(87, 6,  
121) }
```

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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