

# Converting Colors

YUV(53.3290, 27.9388, -1.1655)

Have a look what the booklet for  
YUV(53.3290, 27.9388, -1.1655)  
contains.

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# Color

**YUV(53.3290, 27.9388,  
-1.1655)**

# Conversions

## Conversions Part 1

Format	Color
Hex	342B6E
RGB	52, 43, 110
RGB Percent	20%, 17%, 43%
CMY	0.7961, 0.8314, 0.5686
CMYK	0.53, 0.61, 0.00, 0.57
HSL	248°, 44%, 30%
HSV	248°, 61%, 43%
XYZ	5.0945, 3.5836, 15.1750
YIQ	53.3290, -16.1430, 22.7450

# Conversions

## Conversions Part 2

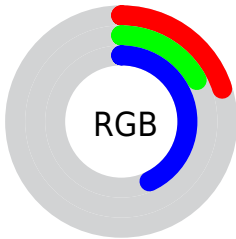
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	52, 43, 110
Decimal	3418990
CIE <sub>Lab</sub>	22.24, 23.68, -37.76
CIE <sub>LCh</sub>	22, 44.565, 302.090
Yxy	3.5836, 0.2136, 0.1502
Android (android.graphics.Color)	4281609070 (0xFF342B6E)
YUV	53.3290, 27.9388, -1.1655
Hunter-Lab	18.9304, 14.9094, -34.2769

# Details

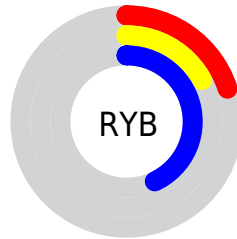
The YUV color **53.3290, 27.9388, -1.1655** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **99.6710, -27.9388, 1.1655**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.8070, 29.6751, 1.9233**, and **7.0680, 27.0815, -6.1986** is the 20% darker color. If you saturate the color by 10%, you get **43.8820, 32.5962, -1.6505**, and if you desaturate by 10%, it is **62.7760, 23.2814, -0.6806**.

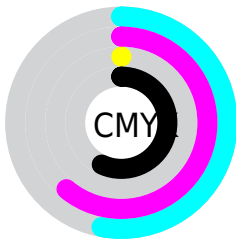
# Distribution



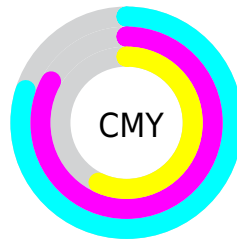
- Red (20%)
- Green (17%)
- Blue (43%)



- Red (20%)
- Yellow (17%)
- Blue (43%)



- Cyan (53%)
- Magenta (61%)
- Yellow (0%)
- Black (57%)



- Cyan (80%)
- Magenta (83%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 53.3290, 27.9388, -1.1655 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 53.3290, 27.9388, -1.1655 by changing the saturation by 10% instead.



■ 53.3290, 27.9388,  
-1.1655

■ 53.3290, 27.9388,  
-1.1655

■ 255.0000, 0.0000,  
0.0000

■ 30.0790, 27.0761,  
-4.4543

■ 101.8070, 29.6751,  
1.9233

■ 7.0680, 27.0815,  
-6.1986

■ 126.8610, 31.1275,  
2.7529

■ 6.2070, 16.1669,  
-5.4435

■ 153.3880, 31.8537,  
3.1677

■ 2.4110, 6.6994,  
-2.1144

■ 180.2140, 32.4325,  
4.1973

■ 0.0000, 0.0000,  
0.0000

■ 206.0480, 24.1333,  
6.0969

■ 231.1550, 11.7556,

9.5111

251.4780, 1.7363,  
3.0888

53.3290, 27.9388,  
-1.1655

53.3290, 27.9388,  
-1.1655

43.8820, 32.5962,  
-1.6505

62.7760, 23.2814,  
-0.6806

34.7340, 37.1061,  
-1.5207

71.9240, 18.7715,  
-0.8103

25.2870, 41.7635,  
-2.0057

81.3710, 14.1141,  
-0.3254

17.0250, 45.8367,  
-1.7759

90.5190, 9.6041,  
-0.4552

99.9660, 4.9468,  
0.0298

■ 109.1140, 0.4368,  
-0.1000

■ 118.5610, -4.2206,  
0.3850

■ 127.7090, -8.7305,  
0.2552

■ 137.1560,  
-13.3879, 0.7402

# Harmonies

## Analogous

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



47.1390, 35.9205, -41.3409



53.3290, 27.9388, -1.1655



50.4110, 17.0524, 37.3506

# Triad

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



53.3290, 27.9388, -1.1655



49.8030, -24.5529, 35.2528



45.5990, 4.6347, -39.9903

# Complementary

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



53.3290, 27.9388, -1.1655



99.6710, -27.9388, 1.1655

# 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.



40.3210, -10.5113, -35.3615



53.3290, 27.9388, -1.1655



50.2470, -24.7718, 12.0614

# Square

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



53.3290, 27.9388, -1.1655



45.1270, -12.3876, 53.3856



45.0760, -22.2225, -12.3447



49.3610, 19.0490, -43.2896



# Rectangle

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



53.3290, 27.9388, -1.1655



42.9850, 9.8674, 55.2642



45.0760, -22.2225, -12.3447



44.2310, -0.6069, -38.7906

# Sweetspot

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



53.3290, 27.9388, -1.1655



121.1600, 10.7671, -0.1403



84.6840, 12.4808, -36.5569



58.3080, 6.2572, -0.2701



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.



53.3290, 27.9388, -1.1655



55.0420, 43.3633, -1.7908



63.1960, 23.0744, 19.1221



50.9830, 2.4734, 0.0149



18.4640, 50.0572, -2.1609



38.0250, 103.0247, -4.4069



# Inverse Universe

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



69.6450, 15.4580, 35.3913



80.3560, 23.9815, 54.9388



89.8040, -23.0744, -19.1221



52.3640, 1.2995, 3.1888



47.7360, 27.7382, 63.3755



98.2490, 57.0652, 130.4546



# Previews

## White Background



This preview shows how the YUV color 53.3290, 27.9388, -1.1655 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

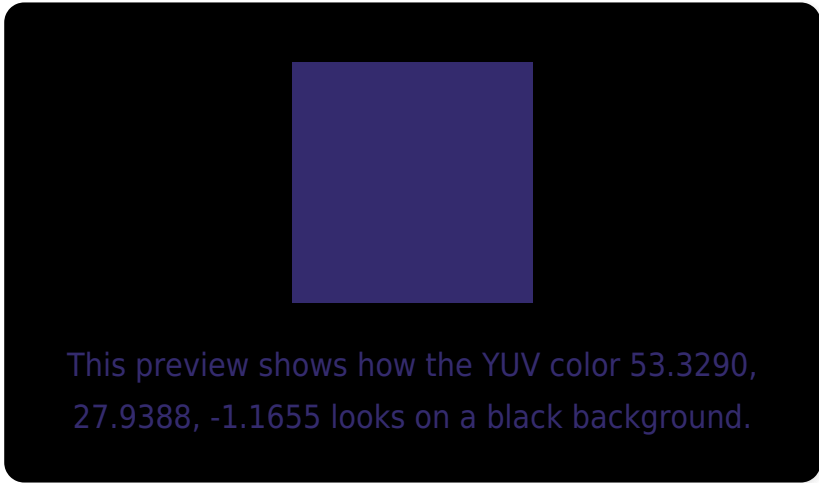
Any Text WCAG AA ✓ Pass

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

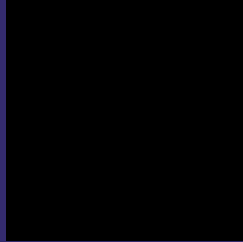
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 53.3290, 27.9388, -1.1655

## Background



This preview shows how black text looks on a background with the YUV color 53.3290, 27.9388, -1.1655.



This preview shows how white text looks on a background with the YUV color 53.3290, 27.9388,

-1.1655.

# 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

53.3290, 27.9388, -1.1655

### Protanopia

42.9500, 32.5627, -37.6671

### Deuteranopia

43.1150, 25.5793, -37.8119



**Tritanopia**

51.1770, 4.8427, -13.3102

# Trichromacy



## Original Color

53.3290, 27.9388, -1.1655

## Protanomaly

46.8700, 30.6301, -24.4420

## Deuteranomaly

47.0180, 26.1201, -24.5718

## Tritanomaly

52.0880, 13.2676, -8.8472

# Monochromacy



## Original Color

53.3290, 27.9388, -1.1655

## Achromatopsia

53.0000, 0.0000, 0.0000

## Achromatomaly

53.0460, 10.3303, -0.0403

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 53.3290, 27.9388, -1.1655 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(52, 43, 110)` looks like.

```
.text, #text, p{  
    color:rgb(52, 43, 110)  
}
```

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(52, 43, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 43, 110) }
```

## Border

The CSS property to change the border of an element to YUV 53.3290, 27.9388, -1.1655 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(52, 43, 110) }
```



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

```
.border{ border-color:rgb(52, 43, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 43, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 43, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 43, 110);  
box-shadow:4px 4px 4px 4px rgb(52, 43,  
110) }
```

# Background

The CSS property to change the background color of an element to YUV 53.3290, 27.9388, -1.1655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 43, 110) }
```

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

```
.background{ background-color: rgb(52, 43,  
110) }
```

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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