

Converting Colors

YUV(38.8990, 57.2378, 28.1526)

Have a look what the booklet for
YUV(38.8990, 57.2378, 28.1526)
contains.

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Color

**YUV(38.8990, 57.2378,
28.1526)**

Conversions

Conversions Part 1

Format	Color
Hex	47009B
RGB	71, 0, 155
RGB Percent	28%, 0%, 61%
CMY	0.7216, 1.0000, 0.3922
CMYK	0.54, 1.00, 0.00, 0.39
HSL	267°, 100%, 30%
HSV	267°, 100%, 61%
XYZ	8.5149, 3.7062, 31.2769
YIQ	38.8990, -7.4390, 63.2570

Conversions

Conversions Part 2

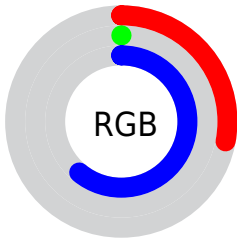
Format	Color
R_{YB}	71, 0, 155
Decimal	4653211
CIE Lab	22.68, 57.02, -65.28
CIE LCh	23, 86.679, 311.137
Yxy	3.7062, 0.1958, 0.0852
Android (android.graphics.Color)	4282843291 (0xFF47009B)
YUV	38.8990, 57.2378, 28.1526
Hunter-Lab	19.2514, 45.2611, -82.8501

Details

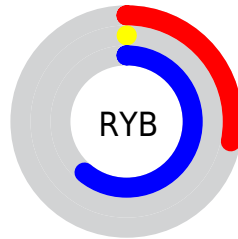
The YUV color **38.8990, 57.2378, 28.1526** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **116.1010, -57.2378, -28.1526**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.9050, 54.7698, 26.3933**, and **11.6280, 44.5534, -10.1978** is the 20% darker color. If you saturate the color by 10%, you get **38.8990, 57.2378, 28.1526**, and if you desaturate by 10%, it is **50.0960, 51.7177, 25.3488**.

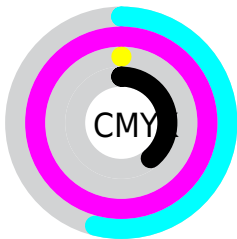
Distribution



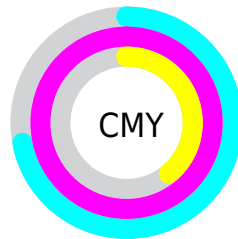
- Red (28%)
- Green (0%)
- Blue (61%)



- Red (28%)
- Yellow (0%)
- Blue (61%)



- Cyan (54%)
- Magenta (100%)
- Yellow (0%)
- Black (39%)



- Cyan (72%)
- Magenta (100%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.8990, 57.2378, 28.1526 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 38.8990, 57.2378, 28.1526 by changing the saturation by 10% instead.

■ 38.8990, 57.2378,
28.1526

■ 38.8990, 57.2378,
28.1526

■ 255.0000, 0.0000,
0.0000

■ 25.9540, 50.3087,
10.5643

■ 99.9050, 54.7698,
26.3933

■ 11.6280, 44.5534,
-10.1978

■ 127.1440, 55.6380,
27.9377

■ 8.7780, 33.6334,
-7.6983

■ 153.3740, 50.1016,
30.3670

■ 8.9770, 21.7033,
-7.8728

■ 177.3070, 38.3026,
34.8108

■ 4.7080, 12.9620,
-4.1289

■ 202.7130, 25.7775,
38.8397

■ 0.2280, 0.8736,
-0.2000

■ 221.5410, 16.4953,

■ 0.0000, 0.0000,

29.3435

0.0000

■ 238.5640, 8.1029,
14.4144

■ 38.8990, 57.2378,
28.1526

■ 50.0960, 51.7177,
25.3488

■ 62.1790, 45.7608,
22.6450

■ 73.9630, 39.9512,
19.3264

■ 85.4590, 34.2837,
17.1375

■ 97.2430, 28.4742,
13.8189

■ 108.4400, 22.9541,
11.0151

■ 119.9360, 17.2866,
8.8261

■ 131.7200, 11.4770,
5.5076

■ 143.2160, 5.8095,
3.3186

Harmonies

Analogous

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



55.9510, 64.6072, -49.0690



38.8990, 57.2378, 28.1526



53.3310, 22.0218, 76.8857

Triad

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



38.8990, 57.2378, 28.1526



48.9720, -24.1432, 43.8746



52.9170, 12.3659, -46.4082

Complementary

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



38.8990, 57.2378, 28.1526



116.1010, -57.2378, -28.1526

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.



43.1930, -19.8151, -37.8803



38.8990, 57.2378, 28.1526



48.6750, -23.9968, -3.2230

Square

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



38.8990, 57.2378, 28.1526



40.9630, -20.1948, 84.2244



40.5030, -19.9680, -35.5211



60.6860, 39.5948, -53.2216

Rectangle

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



38.8990, 57.2378, 28.1526



52.3160, 1.3232, 89.1769



40.5030, -19.9680, -35.5211



49.7080, 2.6090, -43.5939

Sweetspot

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



38.8990, 57.2378, 28.1526



156.2120, 22.0805, 11.2151



67.5650, 43.1055, -59.2545



74.3010, 13.6556, 6.7520



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



38.8990, 57.2378, 28.1526



50.4220, 74.2350, 36.4639



61.6230, 46.0349, 74.8756



70.8090, 3.0522, 1.0445



35.0960, 51.7177, 25.3488



3.2760, 4.7939, 2.3889

Inverse Universe

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



55.9210, 13.8429, 86.8923



72.5250, 17.9822, 112.6726



93.3770, -46.0349, -74.8756



71.8480, 0.5679, 4.5183



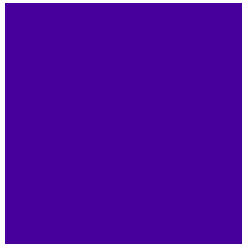
50.5240, 12.5597, 78.4705



4.6850, 1.1413, 7.2923

Previews

White Background



This preview shows how the YUV color 38.8990, 57.2378, 28.1526 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



This preview shows how the YUV color 38.8990, 57.2378, 28.1526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

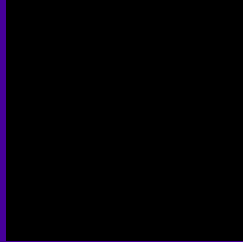
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 38.8990, 57.2378, 28.1526

Background



This preview shows how black text looks on a background with the YUV color 38.8990, 57.2378, 28.1526.



This preview shows how white text looks on a background with the YUV color 38.8990, 57.2378,

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



Protanopia

45.5090, 34.7521, -39.9114

Deuteranopia

45.9190, 26.1689, -40.2710

Tritanopia

54.8890, 4.9847, -12.1807

Trichromacy



Protanomaly

43.1390, 42.8225, -15.0309

Deuteranomaly

43.6460, 37.1495, -15.4755

Tritanomaly

49.0260, 24.1442, 2.6082

Monochromacy



Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

39.1580, 20.6281, 10.3854

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.8990, 57.2378, 28.1526 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(71, 0, 155)` looks like.

```
.text, #text, p{  
    color:rgb(71, 0, 155)  
}
```

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(71, 0, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 0, 155) }
```

Border

The CSS property to change the border of an element to YUV 38.8990, 57.2378, 28.1526 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(71, 0, 155) }
```

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

```
.border{ border-color:rgb(71, 0, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 0, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 0, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 0, 155);  
box-shadow:4px 4px 4px 4px rgb(71, 0, 155)  
}
```


Background

The CSS property to change the background color of an element to YUV 38.8990, 57.2378, 28.1526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 0, 155) }
```

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

```
.background{ background-color: rgb(71, 0,  
155) }
```

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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