

Converting Colors

YUV(38.2420, 66.9287, -0.2122)

Have a look what the booklet for
YUV(38.2420, 66.9287, -0.2122)
contains.

YUV(38.2420, 66.9287, -0.2122)	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(38.2420, 66.9287,
-0.2122)**

Conversions

Conversions Part 1

Format	Color
Hex	260CAE
RGB	38, 12, 174
RGB Percent	15%, 5%, 68%
CMY	0.8510, 0.9529, 0.3176
CMYK	0.78, 0.93, 0.00, 0.32
HSL	250°, 87%, 36%
HSV	250°, 93%, 68%
XYZ	8.5708, 3.7310, 40.3128
YIQ	38.2420, -36.5060, 55.8940

Conversions

Conversions Part 2

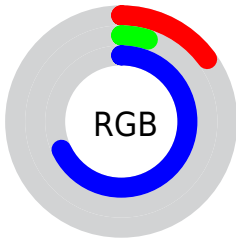
Format	Color
R_{YB}	38, 12, 174
Decimal	2493614
CIE _{Lab}	22.76, 57.14, -76.78
CIE _{LCh}	23, 95.710, 306.656
Yxy	3.7310, 0.1629, 0.0709
Android (android.graphics.Color)	4280683694 (0xFF260CAE)
YUV	38.2420, 66.9287, -0.2122
Hunter-Lab	19.3158, 45.4011, -110.2194




Details

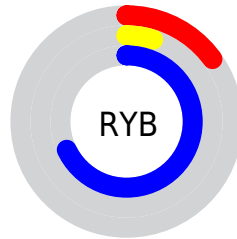
The YUV color **38.2420, 66.9287, -0.2122** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **147.7580, -66.9287, 0.2122**, and the grayscale version is **38.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **98.2540, 65.4438, 9.4242**, and **13.6800, 52.4158, -11.9974** is the 20% darker color. If you saturate the color by 10%, you get **28.2080, 71.8755, -0.1824**, and if you desaturate by 10%, it is **52.7060, 59.7979, 0.2578**.

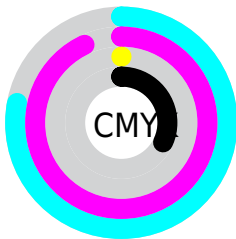
Distribution







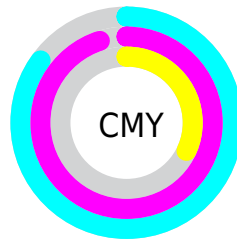
-  Red (15%)
-  Green (5%)
-  Blue (68%)






-  Red (15%)
-  Yellow (5%)
-  Blue (68%)



-  Cyan (78%)
-  Magenta (93%)
-  Yellow (0%)
-  Black (32%)



-  Cyan (85%)
-  Magenta (95%)
-  Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.2420, 66.9287, -0.2122 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 38.2420, 66.9287, -0.2122 by changing the saturation by 10% instead.

■ 38.2420, 66.9287,
-0.2122

■ 38.2420, 66.9287,
-0.2122

■ 255.0000, 0.0000,
0.0000

■ 16.7580, 64.2093,
-14.6968

■ 98.2540, 65.4438,
9.4242

■ 13.6800, 52.4158,
-11.9974

■ 124.9340, 64.1225,
13.2129

■ 10.7160, 41.0590,
-9.3979

■ 149.1660, 52.1762,
18.2714

■ 12.5620, 27.8239,
-11.0169

■ 174.2840, 39.7930,
23.4299

■ 7.5920, 18.9351,
-6.6582

■ 199.1030, 27.5572,
27.9737

■ 3.3230, 10.1938,
-2.9143

■ 222.7150, 15.9165,

■ 0.0000, 0.0000,

28.3139

0.0000

239.7380, 7.5242,
13.3848

38.2420, 66.9287,
-0.2122

38.2420, 66.9287,
-0.2122

28.2080, 71.8755,
-0.1824

52.7060, 59.7979,
0.2578

67.4580, 52.5252,
-0.4017

81.9220, 45.3945,
0.0684

96.6740, 38.1217,
-0.5911

111.1380, 30.9910,
-0.1210

■ 125.6020, 23.8602,
0.3490

■ 140.3540, 16.5875,
-0.3105

■ 154.8180, 9.4567,
0.1596

■ 169.5700, 2.1840,
-0.4999

Harmonies

Analogous

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



61.4110, 70.2964, -53.8574



38.2420, 66.9287, -0.2122



55.6390, 28.2790, 76.6156

Triad

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



38.2420, 66.9287, -0.2122



44.0430, -21.7132, 57.8443



52.5920, 8.5821, -46.1232

Complementary

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



38.2420, 66.9287, -0.2122



147.7580, -66.9287, 0.2122

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.



43.4380, -21.4149, -38.0951



38.2420, 66.9287, -0.2122



49.8930, -24.5972, 2.7248

Square

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



38.2420, 66.9287, -0.2122



44.5510, -21.9636, 91.6018



40.5030, -19.9680, -35.5211



61.8600, 39.0160, -54.2512

Rectangle

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



38.2420, 66.9287, -0.2122



55.9620, 4.9487, 92.9953



40.5030, -19.9680, -35.5211



49.0410, -2.4852, -43.0090

Sweetspot

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



38.2420, 66.9287, -0.2122



173.5850, 26.3336, 0.3640



111.4740, 30.8253, -87.2387



82.2400, 16.1507, -0.2105



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



38.2420, 66.9287, -0.2122



36.6420, 93.8465, -0.5630



61.8630, 55.2835, 48.3551



79.3250, 3.7838, -0.2850



24.2760, 61.9819, -0.2421



3.8180, 9.4567, 0.1596

Inverse Universe

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



75.9420, 35.5246, 85.9969



89.6470, 49.9670, 120.4586



124.1370, -55.2835, -48.3551



81.4890, 1.7309, 4.8331



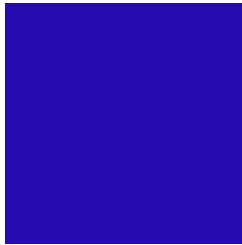
59.2140, 32.9255, 79.6193



9.0430, 4.9088, 12.2403

Previews

White Background



This preview shows how the YUV color 38.2420, 66.9287, -0.2122 looks on a white background.

Color Contrast Check

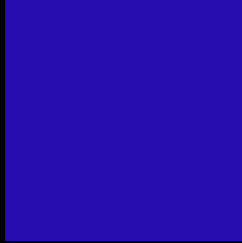
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.2420, 66.9287, -0.2122 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

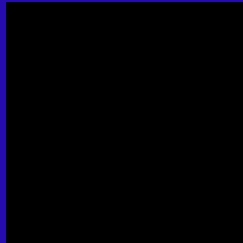
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 38.2420, 66.9287, -0.2122

Background



This preview shows how black text looks on a background with the YUV color 38.2420, 66.9287, -0.2122.



This preview shows how white text looks on a background with the YUV color 38.2420, 66.9287, -0.2122.

-0.2122.

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

38.2420, 66.9287, -0.2122

Protanopia

44.5800, 33.7311, -39.0967

Deuteranopia

44.9900, 25.1479, -39.4562



Tritanopia

43.8040, 10.4496, -38.4161

Trichromacy



Original Color

38.2420, 66.9287, -0.2122

Protanomaly

42.4690, 45.6178, -24.9673

Deuteranomaly

42.3890, 40.2342, -24.8972

Tritanomaly

41.9840, 31.0669, -24.5420

Monochromacy



Original Color

38.2420, 66.9287, -0.2122

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

38.3030, 24.0076, -0.2657

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.2420, 66.9287, -0.2122 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(38, 12, 174)` looks like.

```
.text, #text, p{  
    color:rgb(38, 12, 174)  
}
```

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(38, 12, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 12, 174) }
```

Border

The CSS property to change the border of an element to YUV 38.2420, 66.9287, -0.2122 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(38, 12, 174) }
```


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

```
.border{ border-color:rgb(38, 12, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 12, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 12, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 12, 174);  
box-shadow:4px 4px 4px 4px rgb(38, 12,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 38.2420, 66.9287, -0.2122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 12, 174) }
```

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

```
.background{ background-color: rgb(38, 12,  
174) }
```

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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