

Converting Colors

YUV(38.9570, 59.1812, 11.4387)

Have a look what the booklet for
YUV(38.9570, 59.1812, 11.4387)
contains.

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Color

**YUV(38.9570, 59.1812,
11.4387)**

Conversions

Conversions Part 1

Format	Color
Hex	34099F
RGB	52, 9, 159
RGB Percent	20%, 4%, 62%
CMY	0.7961, 0.9647, 0.3765
CMYK	0.67, 0.94, 0.00, 0.38
HSL	257°, 89%, 33%
HSV	257°, 94%, 62%
XYZ	7.7719, 3.4286, 33.0531
YIQ	38.9570, -22.5220, 55.7660

Conversions

Conversions Part 2

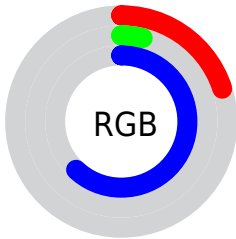
Format	Color
R_{YB}	52, 9, 159
Decimal	3410335
CIE _{Lab}	21.68, 54.59, -69.44
CIE _{LCh}	22, 88.327, 308.170
Yxy	3.4286, 0.1756, 0.0775
Android (android.graphics.Color)	4281600415 (0xFF34099F)
YUV	38.9570, 59.1812, 11.4387
Hunter-Lab	18.5166, 42.5168, -92.8741

Details

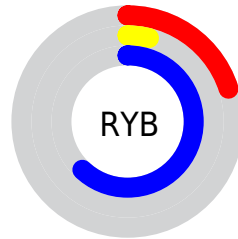
The YUV color **38.9570, 59.1812, 11.4387** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **129.0430, -59.1812, -11.4387**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.0500, 58.1493, 15.7422**, and **12.0840, 46.3006, -10.5977** is the 20% darker color. If you saturate the color by 10%, you get **31.8800, 62.6702, 12.3832**, and if you desaturate by 10%, it is **51.6380, 52.9295, 9.9645**.

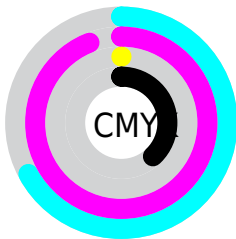
Distribution



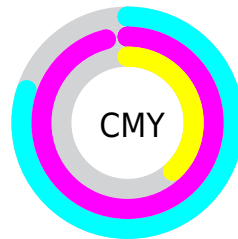
- Red (20%)
- Green (4%)
- Blue (62%)



- Red (20%)
- Yellow (4%)
- Blue (62%)



- Cyan (67%)
- Magenta (94%)
- Yellow (0%)
- Black (38%)



- Cyan (80%)
- Magenta (96%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.9570, 59.1812, 11.4387 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 38.9570, 59.1812, 11.4387 by changing the saturation by 10% instead.

■ 38.9570, 59.1812,
11.4387

■ 38.9570, 59.1812,
11.4387

■ 255.0000, 0.0000,
0.0000

■ 15.0480, 57.6573,
-13.1971

■ 97.0500, 58.1493,
15.7422

■ 12.0840, 46.3006,
-10.5977

■ 123.7020, 59.3069,
17.8013

■ 9.2340, 35.3806,
-8.0982

■ 149.1880, 52.1653,
21.7601

■ 9.4330, 23.4505,
-8.2727

■ 174.0070, 39.9295,
26.3039

■ 5.0500, 14.2723,
-4.4289

■ 198.8260, 27.6938,
30.8476

■ 0.9120, 3.4944,
-0.7998


■ 221.5410, 16.4953,


■ 0.0000, 0.0000,


29.3435


0.0000


 238.5640, 8.1029,
14.4144


 38.9570, 59.1812,
11.4387


 38.9570, 59.1812,
11.4387


 31.8800, 62.6702,
12.3832

 51.6380, 52.9295,
9.9645

 64.6180, 46.5303,
9.1050

 77.2990, 40.2786,
7.6308

 89.9800, 34.0269,
6.1565

 102.9600, 27.6277,
5.2971

■ 115.0540, 21.6654,
4.3376

■ 127.7350, 15.4136,
2.8634

■ 140.7150, 9.0145,
2.0039

■ 153.3960, 2.7628,
0.5297

Harmonies

Analogous

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



56.6520, 64.7546, -49.6838



38.9570, 59.1812, 11.4387



51.9930, 24.6535, 72.7971

Triad

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



38.9570, 59.1812, 11.4387



44.8740, -22.1229, 49.2225



50.1300, 9.3029, -43.9640

Complementary

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



38.9570, 59.1812, 11.4387



129.0430, -59.1812, -11.4387

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.



41.0900, -20.2574, -36.0359



38.9570, 59.1812, 11.4387



47.5230, -23.4288, 1.2953

Square

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



38.9570, 59.1812, 11.4387



41.2620, -20.3422, 84.8392



38.7420, -19.0998, -33.9767



58.7140, 37.1160, -51.4922

Rectangle

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



38.9570, 59.1812, 11.4387



52.2880, 3.8020, 87.4474



38.7420, -19.0998, -33.9767



47.5080, -0.7434, -41.6645

Sweetspot

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



38.9570, 59.1812, 11.4387



160.3960, 22.9758, 4.0377



88.9090, 34.5549, -70.0802



76.0940, 14.2507, 2.5486



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



38.9570, 59.1812, 11.4387



41.2390, 81.7202, 15.5764



61.0830, 48.2731, 56.9322



72.5100, 3.1996, 0.4297



28.5610, 56.4184, 10.9090



2.9060, 5.9623, 0.9594

Inverse Universe

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



66.0480, 24.6263, 81.5189



78.6510, 33.6961, 112.5621



106.9170, -48.2731, -56.9322



74.0760, 1.4415, 4.3183



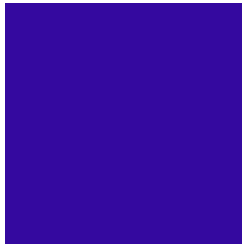
54.3850, 23.4742, 77.7154



5.7390, 2.5937, 8.1219

Previews

White Background



This preview shows how the YUV color 38.9570, 59.1812, 11.4387 looks on a white background.

Color Contrast Check

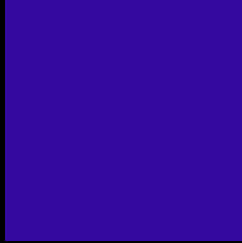
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.9570, 59.1812, 11.4387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

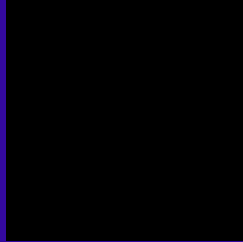
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 38.9570, 59.1812, 11.4387

Background



This preview shows how black text looks on a background with the YUV color 38.9570, 59.1812, 11.4387.



This preview shows how white text looks on a background with the YUV color 38.9570, 59.1812, 11.4387.

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

38.9570, 59.1812, 11.4387

Protanopia

42.9500, 32.5627, -37.6671

Deuteranopia

43.4740, 24.4163, -38.1267



Tritanopia

42.5160, 10.5916, -37.2865

Trichromacy



Original Color

38.9570, 59.1812, 11.4387

Protanomaly

41.2910, 42.2545, -19.5492

Deuteranomaly

41.9120, 37.0184, -20.0938

Tritanomaly

41.0340, 28.5772, -19.3238

Monochromacy



Original Color

38.9570, 59.1812, 11.4387

Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

39.0540, 21.6654, 4.3376

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.9570, 59.1812, 11.4387 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, 9, 159)` looks like.

```
.text, #text, p{  
    color:rgb(52, 9, 159)  
}
```

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, 9, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 9, 159) }
```

Border

The CSS property to change the border of an element to YUV 38.9570, 59.1812, 11.4387 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, 9, 159) }
```


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

```
.border{ border-color:rgb(52, 9, 159) }
```

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

Here you see how a box with a 4 pixel rgb(52, 9, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 9, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 9, 159);  
box-shadow:4px 4px 4px 4px rgb(52, 9, 159)  
}
```

Background

The CSS property to change the background color of an element to YUV 38.9570, 59.1812, 11.4387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 9, 159) }
```

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

```
.background{ background-color: rgb(52, 9,  
159) }
```

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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