

Converting Colors

YUV(38.4170, 57.9684,
-19.6597)

Have a look what the booklet for
YUV(38.4170, 57.9684, -19.6597)
contains.

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Color

**YUV(38.4170, 57.9684,
-19.6597)**

Conversions

Conversions Part 1

Format	Color
Hex	101B9C
RGB	16, 27, 156
RGB Percent	6%, 11%, 61%
CMY	0.9373, 0.8941, 0.3882
CMYK	0.90, 0.83, 0.00, 0.39
HSL	235°, 81%, 34%
HSV	235°, 90%, 61%
XYZ	6.6064, 3.2943, 31.7402
YIQ	38.4170, -47.9650, 37.7870

Conversions

Conversions Part 2

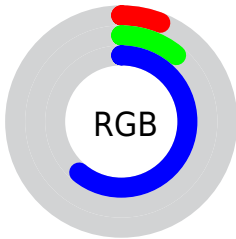
Format	Color
R_{YB}	16, 26, 156
Decimal	1055644
CIE _{Lab}	21.19, 45.29, -68.50
CIE _{LCh}	21, 82.118, 303.475
Yxy	3.2943, 0.1587, 0.0791
Android (android.graphics.Color)	4279245724 (0xFF101B9C)
YUV	38.4170, 57.9684, -19.6597
Hunter-Lab	18.1503, 33.2078, -90.9778

Details

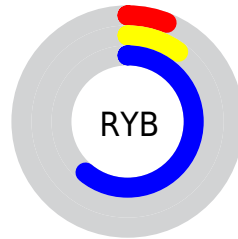
The YUV color **38.4170, 57.9684, -19.6597** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **133.5830, -57.9684, 19.6597**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.7120, 57.3300, -1.5014**, and **11.7420, 44.9902, -10.2977** is the 20% darker color. If you saturate the color by 10%, you get **25.4150, 64.3784, -22.2890**, and if you desaturate by 10%, it is **51.4190, 51.5584, -17.0305**.

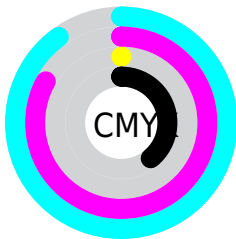
Distribution



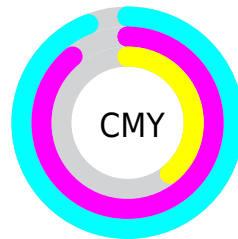
- Red (6%)
- Green (11%)
- Blue (61%)



- Red (6%)
- Yellow (10%)
- Blue (61%)



- Cyan (90%)
- Magenta (83%)
- Yellow (0%)
- Black (39%)



- Cyan (94%)
- Magenta (89%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.4170, 57.9684, -19.6597 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 38.4170, 57.9684, -19.6597 by changing the saturation by 10% instead.

■ 38.4170, 57.9684,
-19.6597

■ 38.4170, 57.9684,
-19.6597

■ 255.0000, 0.0000,
0.0000

■ 17.0540, 55.1894,
-14.9564

■ 95.7120, 57.3300,
-1.5014

■ 11.7420, 44.9902,
-10.2977

■ 122.0760, 58.6295,
1.6873

■ 11.2400, 32.9127,
-9.8575

■ 147.9040, 52.7983,
5.3462

■ 9.0910, 22.1401,
-7.9728

■ 171.8370, 40.9994,
9.7900

■ 4.8220, 13.3988,
-4.2289

■ 196.6560, 28.7636,
14.3337

■ 0.4560, 1.7472,
-0.3999

■ 222.3610, 16.0910,

■ 0.0000, 0.0000,

18.9774

0.0000

242.0860, 6.3666,
11.3256

38.4170, 57.9684,
-19.6597

38.4170, 57.9684,
-19.6597

25.4150, 64.3784,
-22.2890

51.4190, 51.5584,
-17.0305

24.8280, 64.6678,
-21.7742

64.7090, 45.0065,
-15.5308

77.7110, 38.5965,
-12.9015

90.4140, 32.3339,
-10.8871

104.0030, 25.6345,
-8.7726

■ 117.0050, 19.2245,
-6.1434

■ 130.2950, 12.6726,
-4.6437

■ 143.2970, 6.2626,
-2.0145

■ 156.0000, 0.0000,
0.0000

Harmonies

Analogous

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



56.0990, 60.0972, -49.1988



38.4170, 57.9684, -19.6597



48.6760, 28.7537, 64.3051

Triad

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



38.4170, 57.9684, -19.6597



41.0750, -20.2500, 55.1852



47.5880, 4.6401, -41.7347

Complementary

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



38.4170, 57.9684, -19.6597



133.5830, -57.9684, 19.6597

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.



39.9160, -19.6786, -35.0063



38.4170, 57.9684, -19.6597



47.8660, -23.5979, 8.8875

Square

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



38.4170, 57.9684, -19.6597



40.6640, -20.0474, 83.6097



37.5680, -18.5210, -32.9471



55.1290, 30.9954, -48.3481

Rectangle

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



38.4170, 57.9684, -19.6597



50.0960, 8.3337, 80.5998



37.5680, -18.5210, -32.9471



45.0800, -4.9694, -39.5352

Sweetspot

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



38.4170, 57.9684, -19.6597



157.6180, 22.8663, -7.5580



112.7720, 15.3954, -84.8690



74.5230, 13.5462, -4.8437



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.



38.4170, 57.9684, -19.6597



32.6480, 84.4765, -28.6323



49.3020, 52.6021, 21.6601



72.4990, 3.2050, -1.3146



22.7590, 59.2788, -19.9596



2.2970, 6.2626, -2.0145

Inverse Universe

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



59.1140, -15.8322, 84.9690



62.8200, -23.0823, 123.8149



122.6980, -52.6021, -21.6601



73.5060, -0.7425, 4.8182



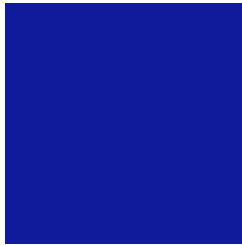
44.0110, -16.2744, 86.8134



4.5990, -1.7743, 9.1217

Previews

White Background



This preview shows how the YUV color 38.4170, 57.9684, -19.6597 looks on a white background.

Color Contrast Check

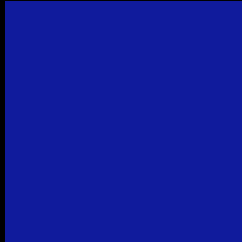
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.4170, 57.9684, -19.6597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

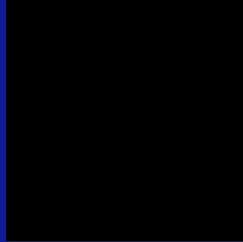
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 38.4170, 57.9684, -19.6597

Background



This preview shows how black text looks on a background with the YUV color 38.4170, 57.9684, -19.6597.



This preview shows how white text looks on a background with the YUV color 38.4170, 57.9684, -19.6597.

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

38.4170, 57.9684, -19.6597

Protanopia

41.3200, 31.3942, -36.2376

Deuteranopia

41.2570, 23.5373, -36.1824



Tritanopia

40.8860, 9.4232, -35.8570

Trichromacy



Original Color

38.4170, 57.9684, -19.6597

Protanomaly

40.5840, 41.1241, -30.3302

Deuteranomaly

40.5040, 35.7405, -30.2600

Tritanomaly

40.2130, 27.0100, -30.0048

Monochromacy



Original Color

38.4170, 57.9684, -19.6597

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

38.1620, 21.1191, -7.1581

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.4170, 57.9684, -19.6597 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(16, 27, 156)` looks like.

```
.text, #text, p{  
    color:rgb(16, 27, 156)  
}
```

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(16, 27, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 27, 156) }
```

Border

The CSS property to change the border of an element to YUV 38.4170, 57.9684, -19.6597 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(16, 27, 156) }
```


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

```
.border{ border-color:rgb(16, 27, 156) }
```

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

Here you see how a box with a 4 pixel rgb(16, 27, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 27, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 27, 156);  
box-shadow:4px 4px 4px 4px rgb(16, 27,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 38.4170, 57.9684, -19.6597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 27, 156) }
```

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

```
.background{ background-color: rgb(16, 27,  
156) }
```

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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