

Converting Colors

YUV(38.4340, 58.9460, -6.5196)

Have a look what the booklet for
YUV(38.4340, 58.9460, -6.5196)
contains.

YUV(38.4340, 58.9460, -6.5196)	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(38.4340, 58.9460,
-6.5196)**

Conversions

Conversions Part 1

Format	Color
Hex	1F139E
RGB	31, 19, 158
RGB Percent	12%, 7%, 62%
CMY	0.8784, 0.9255, 0.3804
CMYK	0.80, 0.88, 0.00, 0.38
HSL	245°, 79%, 35%
HSV	245°, 88%, 62%
XYZ	6.9695, 3.2257, 32.6030
YIQ	38.4340, -37.4670, 45.7730

Conversions

Conversions Part 2

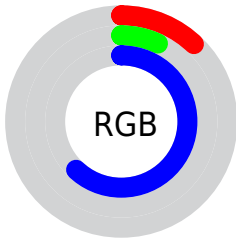
Format	Color
R_{YB}	31, 19, 158
Decimal	2036638
CIE _{Lab}	20.93, 50.11, -70.14
CIE _{LCh}	21, 86.201, 305.547
Yxy	3.2257, 0.1628, 0.0754
Android (android.graphics.Color)	4280226718 (0xFF1F139E)
YUV	38.4340, 58.9460, -6.5196
Hunter-Lab	17.9602, 37.8373, -95.0569




Details

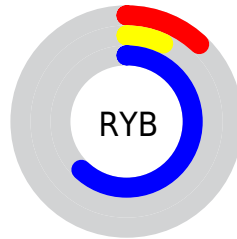
The YUV color **38.4340, 58.9460, -6.5196** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **138.5660, -58.9460, 6.5196**, and the grayscale version is **38.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **94.5110, 58.9081, 5.6909**, and **11.9700, 45.8638, -10.4977** is the 20% darker color. If you saturate the color by 10%, you get **24.8560, 65.6400, -6.8897**, and if you desaturate by 10%, it is **52.0120, 52.2521, -6.1495**.

Distribution







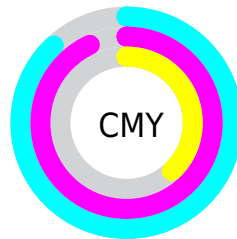
-  Red (12%)
-  Green (7%)
-  Blue (62%)






-  Red (12%)
-  Yellow (7%)
-  Blue (62%)



-  Cyan (80%)
-  Magenta (88%)
-  Yellow (0%)
-  Black (38%)



-  Cyan (88%)
-  Magenta (93%)
-  Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.4340, 58.9460, -6.5196 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 38.4340, 58.9460, -6.5196 by changing the saturation by 10% instead.

■ 38.4340, 58.9460,
-6.5196

■ 38.4340, 58.9460,
-6.5196

■ 255.0000, 0.0000,
0.0000

■ 14.9340, 57.2205,
-13.0971

■ 94.5110, 58.9081,
5.6909

■ 11.9700, 45.8638,
-10.4977

■ 121.4620, 59.9182,
8.3648

■ 10.2940, 34.3651,
-9.0278

■ 147.0620, 53.2134,
12.2236

■ 9.3190, 23.0137,
-8.1728

■ 171.2940, 41.2671,
17.2822

■ 4.9360, 13.8356,
-4.3289

■ 196.1130, 29.0313,
21.8259

■ 0.7980, 3.0576,
-0.6998


■ 221.5190, 16.5061,


■ 0.0000, 0.0000,


25.8548


0.0000


 239.7380, 7.5242,
13.3848


 38.4340, 58.9460,
-6.5196


 38.4340, 58.9460,
-6.5196


 24.8560, 65.6400,
-6.8897


 52.0120, 52.2521,
-6.1495

 22.1980, 66.9504,
-7.1896

 65.8890, 45.4107,
-5.1647

 78.8800, 39.0062,
-4.2798

 92.7570, 32.1648,
-3.2949

 106.3350, 25.4708,
-2.9248

■ 120.2120, 18.6295,
-1.9399

■ 133.7900, 11.9355,
-1.5698

■ 146.7810, 5.5310,
-0.6849

■ 160.6580, -1.3104,
0.2999

Harmonies

Analogous

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



56.0820, 62.5706, -49.1839



38.4340, 58.9460, -6.5196



50.2420, 26.9957, 68.1938

Triad

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



38.4340, 58.9460, -6.5196



41.0640, -20.2446, 53.4409



48.0440, 6.3873, -42.1346

Complementary

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



38.4340, 58.9460, -6.5196



138.5660, -58.9460, 6.5196

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



38.4340, 58.9460, -6.5196



46.9580, -23.1503, 5.2988

Square

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



38.4340, 58.9460, -6.5196



40.6640, -20.0474, 83.6097



37.5680, -18.5210, -32.9471



56.5140, 33.7636, -49.5628

Rectangle

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



38.4340, 58.9460, -6.5196



51.1350, 5.8494, 84.0736



37.5680, -18.5210, -32.9471



45.5360, -3.2222, -39.9351

Sweetspot

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



38.4340, 58.9460, -6.5196



160.3520, 22.9975, -2.9397



109.3950, 23.9623, -79.2764



76.6590, 13.9721, -1.4549



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.



38.4340, 58.9460, -6.5196



28.9800, 87.7639, -9.6295



59.0650, 48.7750, 35.9000



72.2110, 3.3470, -0.1850



19.8900, 60.6932, -6.9195



2.0090, 6.4046, -0.8849

Inverse Universe

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



75.0390, 34.9838, 72.7568



83.4390, 52.0416, 108.3630



117.9350, -48.7750, -35.9000



74.1900, 1.8783, 4.2184



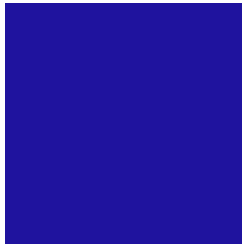
57.5770, 35.7045, 74.9160



6.0810, 3.9041, 7.8220

Previews

White Background



This preview shows how the YUV color 38.4340, 58.9460, -6.5196 looks on a white background.

Color Contrast Check

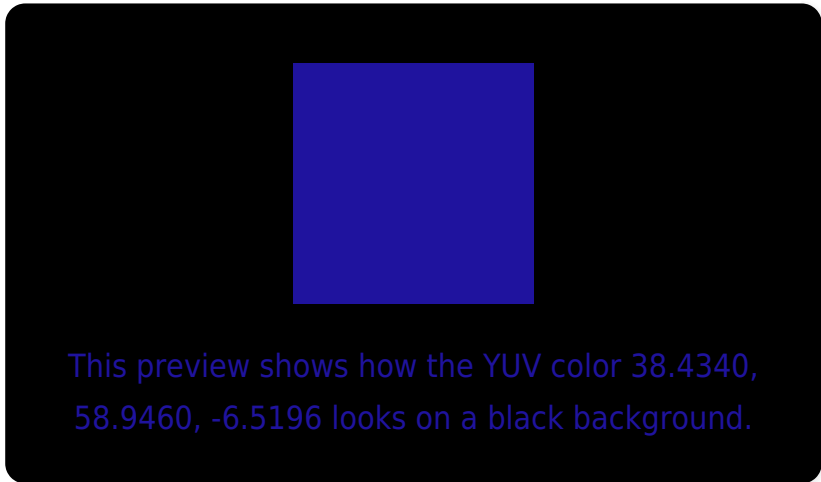
Large Text (above 18pt) WCAG AA ✓ Pass

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

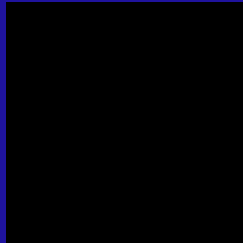
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 38.4340, 58.9460, -6.5196

Background



This preview shows how black text looks on a background with the YUV color 38.4340, 58.9460, -6.5196.



This preview shows how white text looks on a background with the YUV color 38.4340, 58.9460, -6.5196.

-6.5196.

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

38.4340, 58.9460, -6.5196

Protanopia

41.2060, 30.9574, -36.1377

Deuteranopia

41.2570, 23.5373, -36.1824



Tritanopia

40.2990, 9.7126, -35.3422

Trichromacy



Original Color

38.4340, 58.9460, -6.5196

Protanomaly

40.3180, 41.2552, -25.7119

Deuteranomaly

40.3520, 36.3085, -25.7417

Tritanomaly

39.4740, 27.8673, -24.9717

Monochromacy



Original Color

38.4340, 58.9460, -6.5196

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

38.0100, 21.6871, -2.6398

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.4340, 58.9460, -6.5196 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(31, 19, 158)` looks like.

```
.text, #text, p{  
    color:rgb(31, 19, 158)  
}
```

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(31, 19, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 19, 158) }
```

Border

The CSS property to change the border of an element to YUV 38.4340, 58.9460, -6.5196 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(31, 19, 158) }
```


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

```
.border{ border-color:rgb(31, 19, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 19, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 19, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 19, 158);  
box-shadow:4px 4px 4px 4px rgb(31, 19,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 38.4340, 58.9460, -6.5196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 19, 158) }
```

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

```
.background{ background-color: rgb(31, 19,  
158) }
```

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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