

Converting Colors

YUV(38.3610, 16.0910, 18.9774)

Have a look what the booklet for
YUV(38.3610, 16.0910, 18.9774)
contains.

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Color

**YUV(38.3610, 16.0910,
18.9774)**

Conversions

Conversions Part 1

Format	Color
Hex	3C1547
RGB	60, 21, 71
RGB Percent	24%, 8%, 28%
CMY	0.7647, 0.9176, 0.7216
CMYK	0.15, 0.70, 0.00, 0.72
HSL	287°, 54%, 18%
HSV	287°, 70%, 28%
XYZ	3.2690, 1.9519, 6.1657
YIQ	38.3610, 7.1940, 23.8180

Conversions

Conversions Part 2

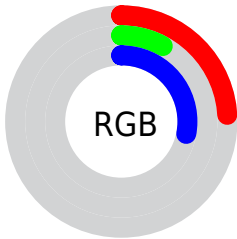
Format	Color
R_{YB}	60, 21, 71
Decimal	3937607
CIE Lab	15.23, 27.98, -22.95
CIE LCh	15, 36.188, 320.636
Yxy	1.9519, 0.2871, 0.1714
Android (android.graphics.Color)	4282127687 (0xFF3C1547)
YUV	38.3610, 16.0910, 18.9774
Hunter-Lab	13.9711, 17.3161, -16.3859

Details

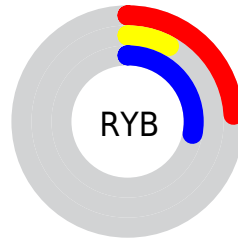
The YUV color **38.3610, 16.0910, 18.9774** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **53.6390, -16.0910, -18.9774**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **85.6000, 16.9592, 20.5218**, and **3.6760, 11.4987, -1.4699** is the 20% darker color. If you saturate the color by 10%, you get **33.6540, 18.4116, 21.3514**, and if you desaturate by 10%, it is **43.0680, 13.7705, 16.6034**.

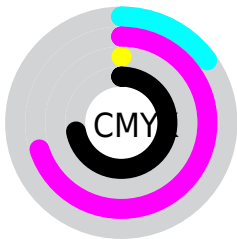
Distribution



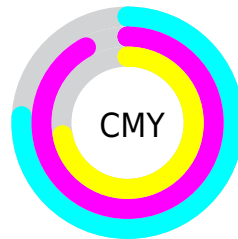
- Red (24%)
- Green (8%)
- Blue (28%)



- Red (24%)
- Yellow (8%)
- Blue (28%)



- Cyan (15%)
- Magenta (70%)
- Yellow (0%)
- Black (72%)



- Cyan (76%)
- Magenta (92%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.3610, 16.0910, 18.9774 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 38.3610, 16.0910, 18.9774 by changing the saturation by 10% instead.

■ 38.3610, 16.0910,
18.9774

■ 38.3610, 16.0910,
18.9774

■ 253.8260, 0.5788,
1.0296

■ 16.5350, 15.5122,
17.9478

■ 85.6000, 16.9592,
20.5218

■ 3.6760, 11.4987,
-1.4699

■ 110.4260, 17.5380,
21.5514

■ 0.0000, 0.0000,
0.0000

■ 136.1380, 17.6800,
22.6810

■ 162.6650, 18.4062,
23.0958

■ 190.0780, 18.6955,
23.6106

■ 217.6760, 18.4007,

24.8401

236.8030, 8.9711,
15.9588

38.3610, 16.0910,
18.9774

38.3610, 16.0910,
18.9774

33.6540, 18.4116,
21.3514

43.0680, 13.7705,
16.6034

29.2460, 20.5847,
24.3403

47.4760, 11.5973,
13.6145

24.5390, 22.9053,
26.7143

52.1830, 9.2768,
11.2405

56.5910, 7.1036,
8.2517

61.8850, 4.4937,
5.3629

■ 66.2930, 2.3206,
2.3740

■ 71.0000, 0.0000,
0.0000

■ 75.4080, -2.1731,
-2.9888

■ 80.1150, -4.4937,
-5.3629

Harmonies

Analogous

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



33.4530, 26.3987, -20.5683



38.3610, 16.0910, 18.9774



31.9140, 7.4374, 41.2944

Triad

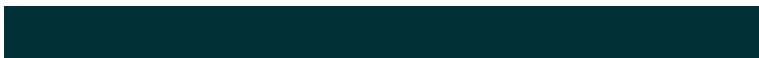
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



38.3610, 16.0910, 18.9774



36.4030, -17.9467, 16.3096



35.1470, 10.2805, -30.8239

Complementary

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



38.3610, 16.0910, 18.9774



53.6390, -16.0910, -18.9774

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.



32.0690, -1.5130, -28.1245



38.3610, 16.0910, 18.9774



34.2220, -16.8714, -1.9487

Square

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



38.3610, 16.0910, 18.9774



34.7410, -17.1273, 33.5531



27.0020, -13.3120, -23.6808



37.0680, 20.1795, -32.5086

Rectangle

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



38.3610, 16.0910, 18.9774



29.6990, 0.1484, 45.8680



27.0020, -13.3120, -23.6808



34.1210, 6.3493, -29.9241

Sweetspot

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



38.3610, 16.0910, 18.9774



79.6510, 6.0881, 7.3221



33.7440, 18.3672, -11.1765



38.0590, 3.9149, 4.3333



173.0000, 0.0000, 0.0000



46.0000, 0.0000, 0.0000

Same Dimension

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



38.3610, 16.0910, 18.9774



41.1310, 25.0784, 29.7031



40.1680, 8.7912, 27.0397



33.3530, 1.3050, 1.4444



34.6080, 31.7453, 38.0548



78.8010, 73.0621, 86.1205

Inverse Universe

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



37.2040, -2.5656, 29.6391



39.2600, -4.0722, 46.2530



51.8320, -8.7912, -27.0397



33.3100, -0.1528, 2.3591



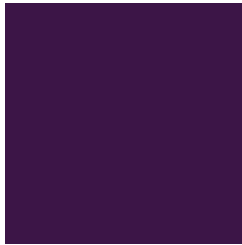
32.1090, -4.9837, 58.6634



73.5730, -11.6215, 134.5555

Previews

White Background



This preview shows how the YUV color 38.3610, 16.0910, 18.9774 looks on a white background.

Color Contrast Check

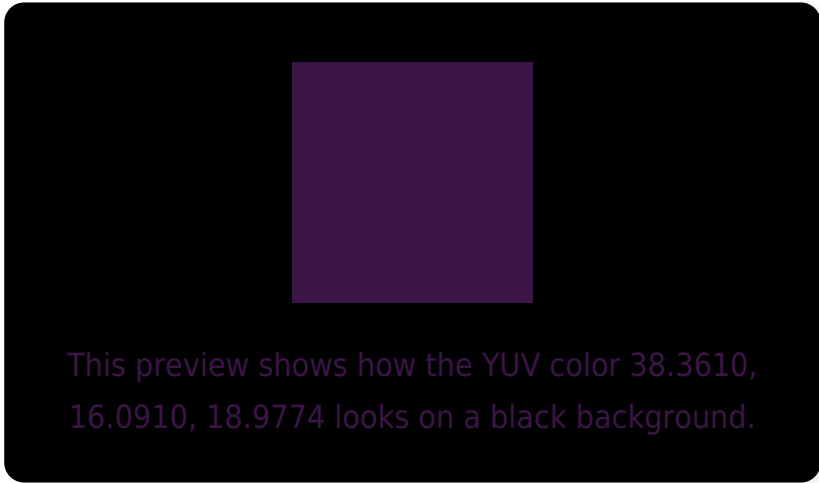
Large Text (above 18pt) WCAG AA ✓ Pass

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

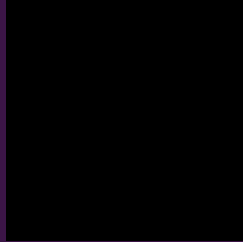
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 38.3610, 16.0910, 18.9774

Background



This preview shows how black text looks on a background with the YUV color 38.3610, 16.0910, 18.9774.



This preview shows how white text looks on a background with the YUV color 38.3610, 16.0910,

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

38.3610, 16.0910, 18.9774

Protanopia

31.5400, 24.3838, -27.6606

Deuteranopia

36.6140, 15.4733, -16.3245



Tritanopia

39.8060, -2.3694, 13.3251

Trichromacy



Original Color

38.3610, 16.0910, 18.9774

Protanomaly

34.1400, 21.1300, -10.6468

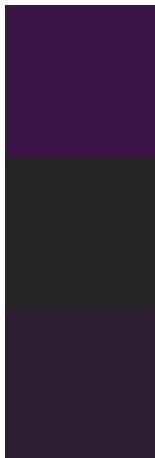
Deuteranomaly

37.1040, 15.7247, -3.5992

Tritanomaly

39.5380, 4.1718, 15.3142

Monochromacy



Original Color

38.3610, 16.0910, 18.9774

Achromatopsia

38.0000, 0.0000, 0.0000

Achromatomaly

38.2380, 5.7987, 6.8073

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.3610, 16.0910, 18.9774 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(60, 21, 71)` looks like.

```
.text, #text, p{  
    color:rgb(60, 21, 71)  
}
```

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(60, 21, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 21, 71) }
```

Border

The CSS property to change the border of an element to YUV 38.3610, 16.0910, 18.9774 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(60, 21, 71) }
```


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

```
.border{ border-color:rgb(60, 21, 71) }
```

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

Here you see how a box with a 4 pixel rgb(60, 21, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 21, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 21, 71);  
box-shadow:4px 4px 4px 4px rgb(60, 21, 71)  
}
```

Background

The CSS property to change the background color of an element to YUV 38.3610, 16.0910, 18.9774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 21, 71) }
```

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

```
.background{ background-color: rgb(60, 21,  
71) }
```

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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