

Converting Colors

YUV(18.5610, 15.9924, 3.8930)

Have a look what the booklet for
YUV(18.5610, 15.9924, 3.8930)
contains.

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Color

**YUV(18.5610, 15.9924,
3.8930)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 170A33 |
| RGB | 23, 10, 51 |
| RGB Percent | 9%, 4%, 20% |
| CMY | 0.9098, 0.9608, 0.8000 |
| CMYK | 0.55, 0.80, 0.00, 0.80 |
| HSL | 259°, 67%, 12% |
| HSV | 259°, 80%, 20% |
| XYZ | 1.0594, 0.6383, 3.1993 |
| YIQ | 18.5610, -5.4130, 15.5070 |

Conversions

Conversions Part 2

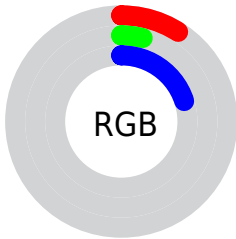
| Format | Color |
|-------------------------------------|-----------------------------|
| RYB | 23, 10, 51 |
| Decimal | 1509939 |
| CIELab | 5.77, 17.87, -24.19 |
| CIELCh | 6, 30.077, 306.462 |
| Yxy | 0.6383, 0.2163, 0.1303 |
| Android (android.graphics.Color) | 4279700019 (0xFF170A33) |
| YUV | 18.5610, 15.9924, 3.8930 |
| Hunter-Lab | 7.9891, 9.6899, -18.1510 |

Details

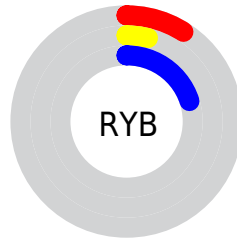
The YUV color **18.5610, 15.9924, 3.8930** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **42.4390, -15.9924, -3.8930**, and the grayscale version is **18.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **62.9140, 17.2974, 5.3374**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **14.7290, 17.8816, 4.6227**, and if you desaturate by 10%, it is **22.3930, 14.1033, 3.1633**.

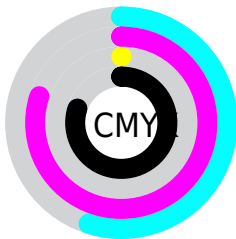
Distribution



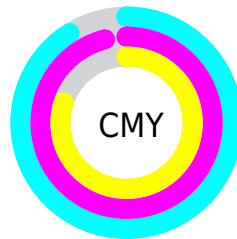
- Red (9%)
- Green (4%)
- Blue (20%)



- Red (9%)
- Yellow (4%)
- Blue (20%)



- Cyan (55%)
- Magenta (80%)
- Yellow (0%)
- Black (80%)



- Cyan (91%)
- Magenta (96%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 18.5610, 15.9924, 3.8930 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 18.5610, 15.9924, 3.8930 by changing the saturation by 10% instead.

■ 18.5610, 15.9924,
3.8930

■ 18.5610, 15.9924,
3.8930

■ 242.0860, 6.3666,
11.3256

■ 4.5940, 12.5252,
-4.0289

■ 62.9140, 17.2974,
5.3374

■ 0.0000, 0.0000,
0.0000

■ 86.4410, 18.0236,
5.7522

■ 110.9680, 18.7498,
6.1671

■ 136.4950, 19.4760,
6.5819

■ 162.9080, 19.7654,
7.0967

■ 189.7340, 20.3441,

8.1263

■ 217.2780, 18.5969,
8.5262

■ 18.5610, 15.9924,
3.8930

■ 18.5610, 15.9924,
3.8930

■ 14.7290, 17.8816,
4.6227

■ 22.3930, 14.1033,
3.1633

■ 10.5980, 19.9182,
4.7376

■ 26.5240, 12.0667,
3.0485

■ 30.3560, 10.1775,
2.3188

■ 34.4870, 8.1409,
2.2039

■ 38.9060, 5.9623,
0.9594

■ 43.0370, 3.9258,
0.8446

■ 46.8690, 2.0366,
0.1149

■ 51.0000, 0.0000,
0.0000

■ 54.8320, -1.8892,
-0.7297

Harmonies

Analogous

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



18.4660, 19.9833, -16.1947



18.5610, 15.9924, 3.8930



17.4450, 8.6546, 24.1657

Triad

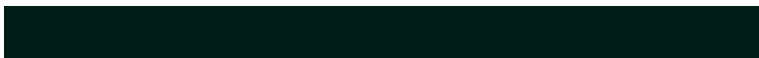
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



18.5610, 15.9924, 3.8930



17.8190, -8.7848, 17.6987



19.6450, 1.6540, -17.2287

Complementary

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



18.5610, 15.9924, 3.8930



42.4390, -15.9924, -3.8930

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.



17.0230, -8.3923, -14.9292



18.5610, 15.9924, 3.8930



17.7200, -8.7360, 1.9996

Square

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



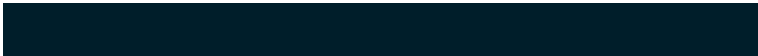
18.5610, 15.9924, 3.8930



14.6510, -7.2229, 30.1241



15.2620, -7.5242, -13.3848



22.3980, 9.6638, -19.6430

Rectangle

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



18.5610, 15.9924, 3.8930



17.7570, 2.0918, 29.1541



15.2620, -7.5242, -13.3848



18.7330, -1.8404, -16.4288

Sweetspot

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



18.5610, 15.9924, 3.8930



53.3190, 6.2517, 1.4742



31.1100, 9.8058, -18.5135



25.9230, 3.4890, 0.9445



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



18.5610, 15.9924, 3.8930



16.1620, 24.5701, 5.9969



24.5410, 13.0443, 16.1885



23.6410, 1.1630, 0.3148



18.5180, 34.7476, 8.3157



45.3690, 84.6141, 20.7244

Inverse Universe

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



25.4510, 6.1867, 22.4065



26.7390, 9.4957, 34.4319



36.4590, -13.0443, -16.1885



24.1250, 0.4314, 1.6444



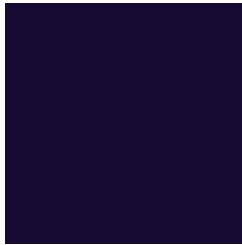
33.5650, 13.5255, 48.6165



81.7550, 32.6588, 118.6099

Previews

White Background



This preview shows how the YUV color 18.5610, 15.9924, 3.8930 looks on a white background.

Color Contrast Check

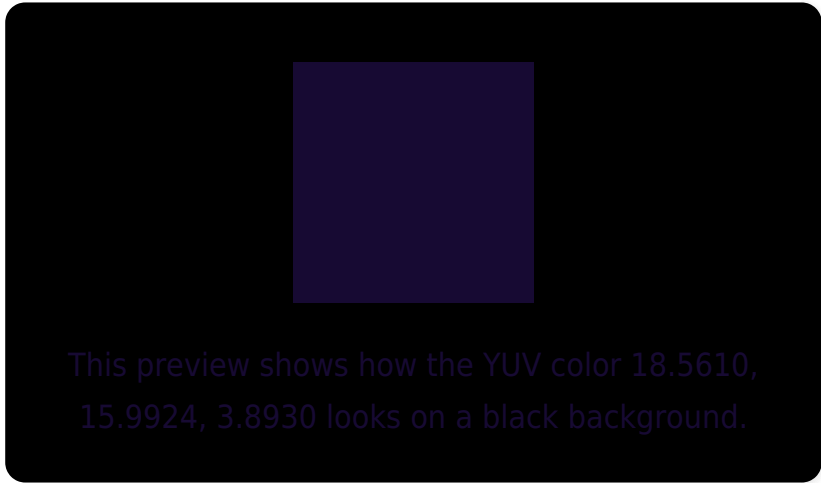
Large Text (above 18pt) WCAG AA ✓ Pass

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

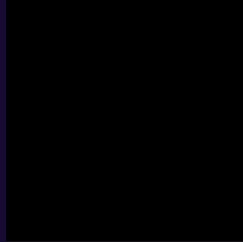
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 18.5610, 15.9924, 3.8930

Background



This preview shows how black text looks on a background with the YUV color 18.5610, 15.9924, 3.8930.



This preview shows how white text looks on a background with the YUV color 18.5610, 15.9924,

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

18.5610, 15.9924, 3.8930

Protanopia

16.4140, 12.1209, -14.3951

Deuteranopia

16.3170, 9.2107, -14.3100



Tritanopia

18.8360, 2.0529, -5.1182

Trichromacy



Original Color

18.5610, 15.9924, 3.8930

Protanomaly

16.9140, 13.8464, -7.8176

Deuteranomaly

17.0450, 11.8098, -7.9325

Tritanomaly

18.8240, 6.9888, -1.5996

Monochromacy



Original Color

18.5610, 15.9924, 3.8930

Achromatopsia

19.0000, 0.0000, 0.0000

Achromatomaly

18.9060, 5.9623, 0.9594

CSS Examples

Text

The CSS property to change the color of the text to YUV 18.5610, 15.9924, 3.8930 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(23, 10, 51)` looks like.

```
.text, #text, p{  
    color:rgb(23, 10, 51)  
}
```

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(23, 10, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 10, 51) }
```

Border

The CSS property to change the border of an element to YUV 18.5610, 15.9924, 3.8930 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(23, 10, 51) }
```


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

```
.border{ border-color:rgb(23, 10, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 10, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 10, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 10, 51);  
box-shadow:4px 4px 4px 4px rgb(23, 10, 51)  
}
```

Background

The CSS property to change the background color of an element to YUV 18.5610, 15.9924, 3.8930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 10, 51) }
```

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

```
.background{ background-color: rgb(23, 10,  
51) }
```

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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