

Converting Colors

YUV(15.9430, 9.8881, 1.8040)

Have a look what the booklet for
YUV(15.9430, 9.8881, 1.8040)
contains.

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Color

**YUV(15.9430, 9.8881,
1.8040)**

Conversions

Conversions Part 1

Format	Color
Hex	120B24
RGB	18, 11, 36
RGB Percent	7%, 4%, 14%
CMY	0.9294, 0.9569, 0.8588
CMYK	0.50, 0.69, 0.00, 0.86
HSL	257°, 53%, 9%
HSV	257°, 69%, 14%
XYZ	0.6876, 0.4953, 1.7284
YIQ	15.9430, -3.8530, 9.2590

Conversions

Conversions Part 2

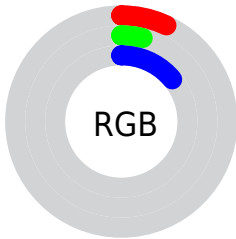
Format	Color
RYB	18, 11, 36
Decimal	1182500
CIELab	4.47, 8.88, -14.96
CIELCh	4, 17.401, 300.686
Yxy	0.4953, 0.2362, 0.1701
Android (android.graphics.Color)	4279372580 (0xFF120B24)
YUV	15.9430, 9.8881, 1.8040
Hunter-Lab	7.0379, 5.1222, -9.6345

Details

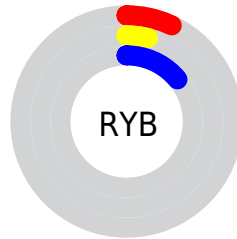
The YUV color **15.9430, 9.8881, 1.8040** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **31.0570, -9.8881, -1.8040**, and the grayscale version is **16.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **59.4590, 10.6197, 0.4745**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **12.6980, 11.4879, 2.0189**, and if you desaturate by 10%, it is **19.1880, 8.2883, 1.5891**.

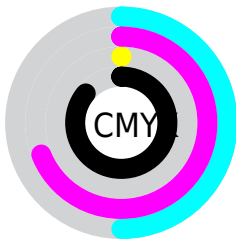
Distribution



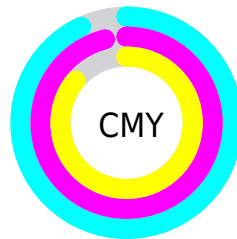
- Red (7%)
- Green (4%)
- Blue (14%)



- Red (7%)
- Yellow (4%)
- Blue (14%)



- Cyan (50%)
- Magenta (69%)
- Yellow (0%)
- Black (86%)



- Cyan (93%)
- Magenta (96%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 15.9430, 9.8881, 1.8040 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 15.9430, 9.8881, 1.8040 by changing the saturation by 10% instead.

■ 15.9430, 9.8881,
1.8040

■ 15.9430, 9.8881,
1.8040

■ 239.6720, 7.5567,
2.9187

■ 2.0690, 5.3890,
-1.8145

■ 59.4590, 10.6197,
0.4745

■ 0.0000, 0.0000,
0.0000

■ 81.9860, 11.3459,
0.8893

■ 106.3990, 11.6353,
1.4041

■ 131.5130, 12.0721,
1.3041

■ 157.9260, 12.3615,
1.8189

■ 185.0400, 12.7983,

1.7189

■ 212.1540, 13.2351,
1.6189

■ 15.9430, 9.8881,
1.8040

■ 15.9430, 9.8881,
1.8040

■ 12.6980, 11.4879,
2.0189

■ 19.1880, 8.2883,
1.5891

■ 10.3390, 12.6509,
2.3337

■ 21.5470, 7.1253,
1.2743

■ 7.0940, 14.2507,
2.5486

■ 24.7920, 5.5255,
1.0594

■ 27.1510, 4.3626,
0.7446

■ 30.3960, 2.7628,
0.5297

■ 33.6410, 1.1630,
0.3148

■ 36.0000, 0.0000,
0.0000

■ 39.2450, -1.5998,
-0.2149

■ 41.6040, -2.7628,
-0.5297

Harmonies

Analogous

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



14.4250, 12.1155, -12.6507



15.9430, 9.8881, 1.8040



15.3960, 6.2138, 13.6847

Triad

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



15.9430, 9.8881, 1.8040



14.8510, -7.3215, 15.0397



15.7980, -0.3934, -13.8548

Complementary

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



15.9430, 9.8881, 1.8040



31.0570, -9.8881, -1.8040

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.



13.5010, -6.6560, -11.8404



15.9430, 9.8881, 1.8040



15.0840, -7.4364, 5.1883

Square

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



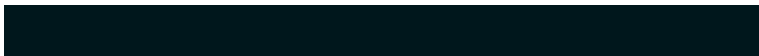
15.9430, 9.8881, 1.8040



13.7100, -6.7590, 21.3023



12.3380, -6.0826, -9.0664



16.6930, 5.5744, -14.6398

Rectangle

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



15.9430, 9.8881, 1.8040



14.9190, 2.9979, 18.4880



12.3380, -6.0826, -9.0664



15.1140, -3.0142, -13.2550

Sweetspot

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



15.9430, 9.8881, 1.8040



38.0370, 3.9258, 0.8446



24.4160, 5.7109, -11.7658



18.2820, 2.3260, 0.6297



150.0000, 0.0000, 0.0000



23.0000, 0.0000, 0.0000

Same Dimension

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



15.9430, 9.8881, 1.8040



15.3220, 15.1243, 2.3486



19.5310, 8.1192, 9.1813



16.5270, 0.7262, 0.4148



16.2250, 32.4271, 5.9417



41.4670, 82.5938, 15.3764

Inverse Universe

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



20.5270, 4.1772, 13.5698



22.4400, 6.1921, 20.6621



27.4690, -8.1192, -9.1813



16.7120, 0.1420, 1.1296



31.2440, 13.6837, 44.5130



79.7050, 35.1484, 113.3917

Previews

White Background



This preview shows how the YUV color 15.9430, 9.8881, 1.8040 looks on a white background.

Color Contrast Check

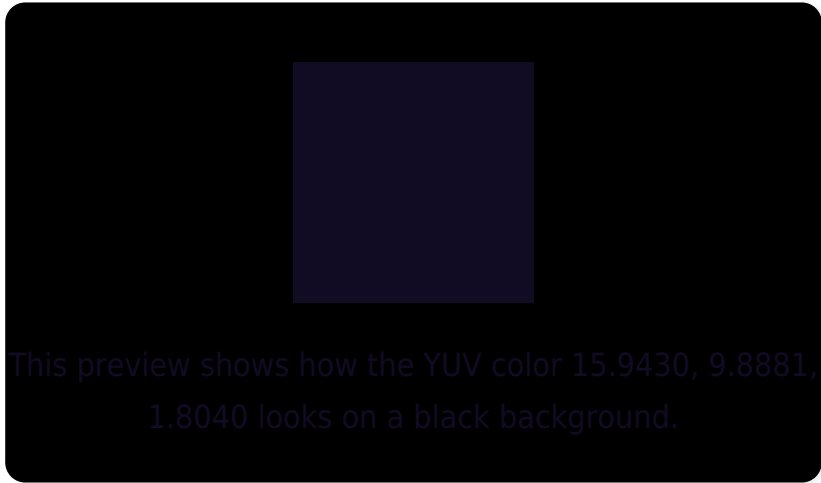
Large Text (above 18pt) WCAG AA ✓ Pass

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

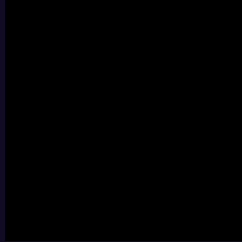
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 15.9430, 9.8881, 1.8040

Background



This preview shows how black text looks on a background with the YUV color 15.9430, 9.8881, 1.8040.



This preview shows how white text looks on a background with the YUV color 15.9430, 9.8881,

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

15.9430, 9.8881, 1.8040

Protanopia

13.1540, 9.7841, -11.5361

Deuteranopia

13.1710, 7.3107, -11.5510



Tritanopia

15.9180, 1.0264, -2.5591

Trichromacy



Original Color

15.9430, 9.8881, 1.8040

Protanomaly

14.1870, 9.7678, -6.3030

Deuteranomaly

14.4320, 8.1680, -6.5179

Tritanomaly

16.1400, 4.3680, -0.9998

Monochromacy



Original Color

15.9430, 9.8881, 1.8040

Achromatopsia

16.0000, 0.0000, 0.0000

Achromatomaly

15.9230, 3.4890, 0.9445

CSS Examples

Text

The CSS property to change the color of the text to YUV 15.9430, 9.8881, 1.8040 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(18, 11, 36)` looks like.

```
.text, #text, p{  
    color:rgb(18, 11, 36)  
}
```

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(18, 11, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 11, 36) }
```

Border

The CSS property to change the border of an element to YUV 15.9430, 9.8881, 1.8040 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(18, 11, 36) }
```


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

```
.border{ border-color:rgb(18, 11, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 11, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 11, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 11, 36);  
box-shadow:4px 4px 4px 4px rgb(18, 11, 36)  
}
```

Background

The CSS property to change the background color of an element to YUV 15.9430, 9.8881, 1.8040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 11, 36) }
```

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

```
.background{ background-color: rgb(18, 11,  
36) }
```

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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