

Converting Colors

YUV(18.7110, 8.5235, 19.5475)

Have a look what the booklet for
YUV(18.7110, 8.5235, 19.5475)
contains.

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Color

**YUV(18.7110, 8.5235,
19.5475)**

Conversions

Conversions Part 1

Format	Color
Hex	290424
RGB	41, 4, 36
RGB Percent	16%, 2%, 14%
CMY	0.8392, 0.9843, 0.8588
CMYK	0.00, 0.90, 0.12, 0.84
HSL	308°, 82%, 9%
HSV	308°, 90%, 16%
XYZ	1.2763, 0.6856, 1.7341
YIQ	18.7110, 11.7800, 17.7960

Conversions

Conversions Part 2

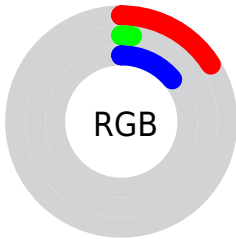
Format	Color
R_{YB}	41, 4, 36
Decimal	2688036
CIE Lab	6.19, 23.18, -12.06
CIE LCh	6, 26.130, 332.525
Yxy	0.6856, 0.3453, 0.1855
Android (android.graphics.Color)	4280878116 (0xFF290424)
YUV	18.7110, 8.5235, 19.5475
Hunter-Lab	8.2802, 13.0233, -6.6210

Details

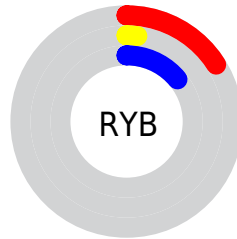
The YUV color **18.7110, 8.5235, 19.5475** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **26.2890, -8.5235, -19.5475**, and the grayscale version is **19.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **64.3090, 8.2287, 20.7770**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **16.2490, 9.2442, 21.7066**, and if you desaturate by 10%, it is **21.1730, 7.8027, 17.3883**.

Distribution



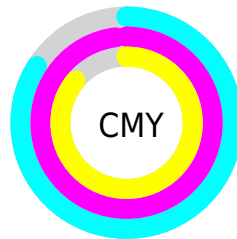
- Red (16%)
- Green (2%)
- Blue (14%)



- Red (16%)
- Yellow (2%)
- Blue (14%)



- Cyan (0%)
- Magenta (90%)
- Yellow (12%)
- Black (84%)



- Cyan (84%)
- Magenta (98%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YUV color 18.7110, 8.5235, 19.5475 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 18.7110, 8.5235, 19.5475 by changing the saturation by 10% instead.

■ 18.7110, 8.5235,
19.5475

■ 18.7110, 8.5235,
19.5475

■ 239.7380, 7.5242,
13.3848

■ 4.7710, 4.0569,
5.4628

■ 64.3090, 8.2287,
20.7770

■ 0.0000, 0.0000,
0.0000

■ 88.0210, 8.3706,
21.9066

■ 112.7330, 8.5126,
23.0362


■ 138.1460, 8.8020,
23.5510


■ 164.8580, 8.9440,
24.6805


■ 192.2710, 9.2334,


25.1953


 219.9830, 9.3754,
26.3249


 18.7110, 8.5235,
19.5475


 18.7110, 8.5235,
19.5475


 16.2490, 9.2442,
21.7066

 21.1730, 7.8027,
17.3883

 23.5210, 6.6451,
15.3291

 25.9830, 5.9244,
13.1699

 28.3310, 4.7668,
11.1107

 30.7930, 4.0461,
8.9515

■ 33.7280, 2.5991,
6.3775

■ 36.1900, 1.8783,
4.2184

■ 38.5380, 0.7208,
2.1592

■ 41.0000, 0.0000,
0.0000

Harmonies

Analogous

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



19.7840, 14.4035, 0.1894



18.7110, 8.5235, 19.5475



16.8170, 1.0762, 28.2245

Triad

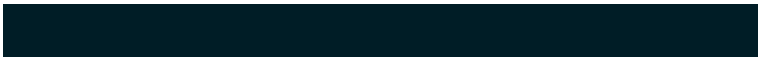
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



18.7110, 8.5235, 19.5475



19.2150, -9.4730, 5.0734



21.3550, 8.2060, -18.7283

Complementary

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



18.7110, 8.5235, 19.5475



26.2890, -8.5235, -19.5475

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.



20.0040, 0.4910, -17.5435



18.7110, 8.5235, 19.5475



14.6750, -7.2348, -12.8700

Square

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



18.7110, 8.5235, 19.5475



18.7050, -9.2216, 17.7987



17.0230, -8.3923, -14.9292



21.5490, 14.0263, -18.8985

Rectangle

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



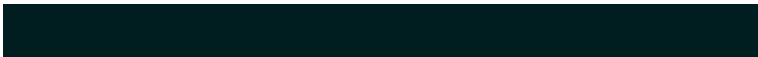
18.7110, 8.5235, 19.5475



15.5370, -7.6597, 30.2241



17.0230, -8.3923, -14.9292



21.2580, 5.2958, -18.6433

Sweetspot

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



18.7110, 8.5235, 19.5475



44.9670, 3.4673, 7.9219



9.7130, 15.4245, -0.6253



22.6030, 2.1677, 4.7332



156.0000, 0.0000, 0.0000



28.0000, 0.0000, 0.0000

Same Dimension

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



18.7110, 8.5235, 19.5475



21.3900, 12.1327, 28.5990



16.6590, 0.6611, 21.3471



18.8260, 0.5788, 1.0296



33.4380, 19.5041, 44.3429



84.2500, 48.6837, 112.0367

Inverse Universe

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



18.7110, 8.5235, 19.5475



21.3900, 12.1327, 28.5990



28.3410, -0.6611, -21.3471



18.8260, 0.5788, 1.0296



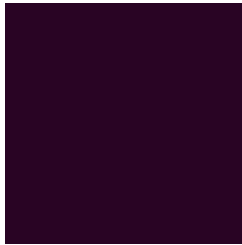
33.4380, 19.5041, 44.3429



84.2500, 48.6837, 112.0367

Previews

White Background



This preview shows how the YUV color 18.7110, 8.5235, 19.5475 looks on a white background.

Color Contrast Check

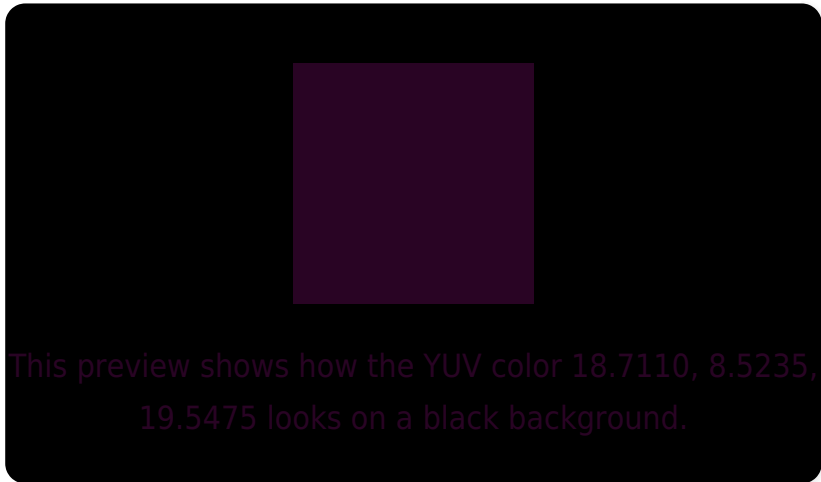
Large Text (above 18pt) WCAG AA ✓ Pass

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

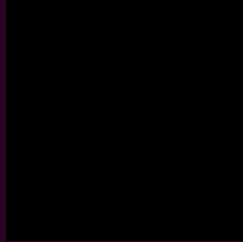
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 18.7110, 8.5235, 19.5475

Background



This preview shows how black text looks on a background with the YUV color 18.7110, 8.5235, 19.5475.



This preview shows how white text looks on a background with the YUV color 18.7110, 8.5235,

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

18.7110, 8.5235, 19.5475

Protanopia

18.2720, 14.1629, -16.0245

Deuteranopia

22.7590, 5.5418, -4.1736



Tritanopia

21.5890, -3.2484, 15.2694

Trichromacy



Original Color

18.7110, 8.5235, 19.5475

Protanomaly

18.1920, 12.2303, -2.7994

Deuteranomaly

21.1560, 6.8251, 4.2482

Tritanomaly

20.4520, 1.2562, 17.1436

Monochromacy



Original Color

18.7110, 8.5235, 19.5475

Achromatopsia

19.0000, 0.0000, 0.0000

Achromatomaly

19.1410, 2.8885, 6.8923

CSS Examples

Text

The CSS property to change the color of the text to YUV 18.7110, 8.5235, 19.5475 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(41, 4, 36)` looks like.

```
.text, #text, p{  
    color:rgb(41, 4, 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(41, 4, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 4, 36) }
```

Border

The CSS property to change the border of an element to YUV 18.7110, 8.5235, 19.5475 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(41, 4, 36) }
```


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

```
.border{ border-color:rgb(41, 4, 36) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 4, 36)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 4, 36); -webkit-box-shadow:4px  
4px 4px 4px rgb(41, 4, 36); box-shadow:4px  
4px 4px 4px rgb(41, 4, 36) }
```

Background

The CSS property to change the background color of an element to YUV 18.7110, 8.5235, 19.5475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 4, 36) }
```

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

```
.background{ background-color: rgb(41, 4,  
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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