

Converting Colors

YUV(31.5770, 18.4495, 9.1410)

Have a look what the booklet for
YUV(31.5770, 18.4495, 9.1410)
contains.

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Color

**YUV(31.5770, 18.4495,
9.1410)**

Conversions

Conversions Part 1

Format	Color
Hex	2A1345
RGB	42, 19, 69
RGB Percent	16%, 7%, 27%
CMY	0.8353, 0.9255, 0.7294
CMYK	0.39, 0.72, 0.00, 0.73
HSL	268°, 57%, 17%
HSV	268°, 72%, 27%
XYZ	2.2619, 1.3877, 5.7789
YIQ	31.5770, -2.3420, 20.4260

Conversions

Conversions Part 2

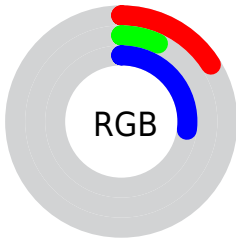
Format	Color
R_{YB}	42, 19, 69
Decimal	2757445
CIE _{Lab}	11.88, 23.67, -27.10
CIE _{LCh}	12, 35.979, 311.131
Yxy	1.3877, 0.2399, 0.1472
Android (android.graphics.Color)	4280947525 (0xFF2A1345)
YUV	31.5770, 18.4495, 9.1410
Hunter-Lab	11.7799, 13.6596, -20.8400

Details

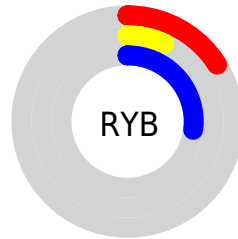
The YUV color **31.5770, 18.4495, 9.1410** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **56.4230, -18.4495, -9.1410**, and the grayscale version is **31.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **77.3430, 20.0439, 11.1002**, and **3.4370, 10.6306, -3.0142** is the 20% darker color. If you saturate the color by 10%, you get **26.2720, 21.0649, 10.2855**, and if you desaturate by 10%, it is **36.8820, 15.8342, 7.9965**.

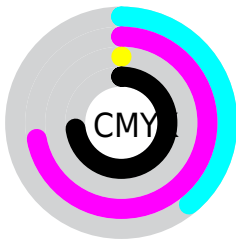
Distribution



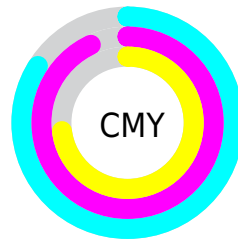
- Red (16%)
- Green (7%)
- Blue (27%)



- Red (16%)
- Yellow (7%)
- Blue (27%)



- Cyan (39%)
- Magenta (72%)
- Yellow (0%)
- Black (73%)



- Cyan (84%)
- Magenta (93%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 31.5770, 18.4495, 9.1410 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 31.5770, 18.4495, 9.1410 by changing the saturation by 10% instead.

■ 31.5770, 18.4495,
9.1410

■ 31.5770, 18.4495,
9.1410

■ 250.3040, 2.3151,
4.1184

■ 12.2350, 17.1391,
9.4409

■ 77.3430, 20.0439,
11.1002

■ 3.4370, 10.6306,
-3.0142

■ 101.8700, 20.7701,
11.5150

■ 0.0000, 0.0000,
0.0000


■ 126.6960, 21.3489,
12.5446


■ 153.2230, 22.0751,
12.9594


■ 180.0490, 22.6538,
13.9890


■ 207.5760, 23.3800,


14.4038


 232.6830, 11.0023,
17.8180


 31.5770, 18.4495,
9.1410


 31.5770, 18.4495,
9.1410


 26.2720, 21.0649,
10.2855


 36.8820, 15.8342,
7.9965


 21.2660, 23.5329,
12.0447

 41.8880, 13.3662,
6.2372

 17.4340, 25.4220,
12.7744

 47.1930, 10.7509,
5.0927

 52.4980, 8.1355,
3.9483

 57.8030, 5.5201,
2.8038

■ 62.2220, 3.3416,
1.5593

■ 67.5270, 0.7262,
0.4148

■ 72.8320, -1.8892,
-0.7297

■ 78.1370, -4.5045,
-1.8741

Harmonies

Analogous

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



28.0180, 26.1201, -24.5718



31.5770, 18.4495, 9.1410



25.7930, 10.9481, 35.2615

Triad

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



31.5770, 18.4495, 9.1410



29.9350, -14.7580, 20.2280



29.2140, 5.3175, -25.6207

Complementary

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



31.5770, 18.4495, 9.1410



56.4230, -18.4495, -9.1410

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.



25.5490, -6.1867, -22.4065



31.5770, 18.4495, 9.1410



28.9390, -14.2669, 2.6845

Square

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



31.5770, 18.4495, 9.1410



25.0280, -12.3388, 37.6864



22.6050, -11.1443, -18.9476



31.3630, 16.0900, -27.5054

Rectangle

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



31.5770, 18.4495, 9.1410



25.0620, 2.9274, 41.1646



22.6050, -11.1443, -18.9476



28.1880, 1.3863, -24.7209

Sweetspot

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



31.5770, 18.4495, 9.1410



74.8570, 6.9725, 3.6334



41.1360, 13.7370, -19.4133



36.8630, 4.5045, 1.8741



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.



31.5770, 18.4495, 9.1410



31.2430, 28.4742, 13.8189



38.7530, 14.9118, 23.8956



33.0540, 1.4524, 0.8296



25.0400, 36.4623, 18.3819



56.9740, 83.8228, 41.2418

Inverse Universe

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



37.0280, 4.4232, 28.0394



39.8110, 6.9952, 43.1388



48.9480, -14.7644, -24.5104



33.4240, 0.2840, 2.2592



35.7570, 8.9938, 55.4641



81.8950, 20.2648, 127.2571

Previews

White Background



This preview shows how the YUV color 31.5770, 18.4495, 9.1410 looks on a white background.

Color Contrast Check

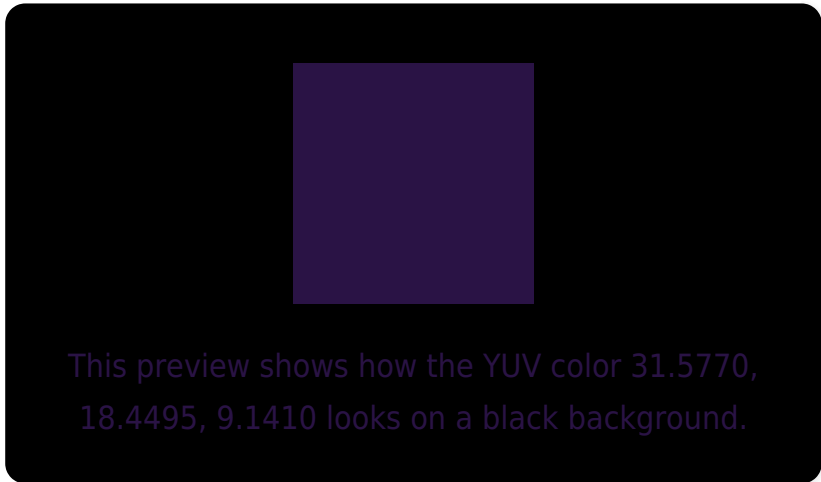
Large Text (above 18pt) WCAG AA ✓ Pass

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

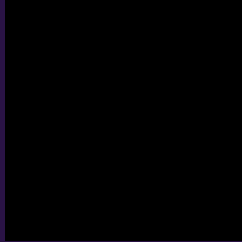
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 31.5770, 18.4495, 9.1410

Background



This preview shows how black text looks on a background with the YUV color 31.5770, 18.4495, 9.1410.



This preview shows how white text looks on a background with the YUV color 31.5770, 18.4495,

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

31.5770, 18.4495, 9.1410

Protanopia

25.7210, 19.8575, -22.5573

Deuteranopia

25.8690, 15.3476, -22.6871



Tritanopia

32.2390, 0.8682, 1.5444

Trichromacy



Original Color

31.5770, 18.4495, 9.1410

Protanomaly

27.9720, 19.2408, -11.3764

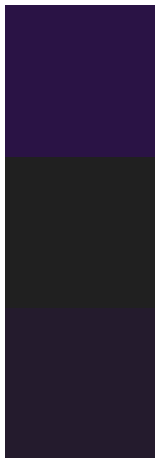
Deuteranomaly

27.8750, 16.3306, -11.2914

Tritanomaly

32.2700, 7.2619, 4.1482

Monochromacy



Original Color

31.5770, 18.4495, 9.1410

Achromatopsia

32.0000, 0.0000, 0.0000

Achromatomaly

31.7430, 6.5357, 3.7334

CSS Examples

Text

The CSS property to change the color of the text to YUV 31.5770, 18.4495, 9.1410 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(42, 19, 69)` looks like.

```
.text, #text, p{  
    color:rgb(42, 19, 69)  
}
```

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(42, 19, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 19, 69) }
```

Border

The CSS property to change the border of an element to YUV 31.5770, 18.4495, 9.1410 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(42, 19, 69) }
```


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

```
.border{ border-color:rgb(42, 19, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 19, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 19, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 19, 69);  
box-shadow:4px 4px 4px 4px rgb(42, 19, 69)  
}
```

Background

The CSS property to change the background color of an element to YUV 31.5770, 18.4495, 9.1410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 19, 69) }
```

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

```
.background{ background-color: rgb(42, 19,  
69) }
```

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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