

Converting Colors

YUV(24.1910, 20.6118, 15.6185)

Have a look what the booklet for
YUV(24.1910, 20.6118, 15.6185)
contains.

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Color

**YUV(24.1910, 20.6118,
15.6185)**

Conversions

Conversions Part 1

Format	Color
Hex	2A0742
RGB	42, 7, 66
RGB Percent	16%, 3%, 26%
CMY	0.8353, 0.9725, 0.7412
CMYK	0.36, 0.89, 0.00, 0.74
HSL	276°, 81%, 14%
HSV	276°, 89%, 26%
XYZ	2.0142, 1.0375, 5.2484
YIQ	24.1910, 1.9210, 25.7690

Conversions

Conversions Part 2

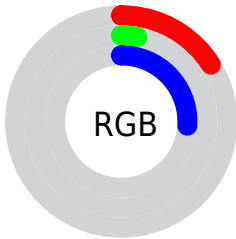
Format	Color
RYB	42, 7, 66
Decimal	2754370
CIELab	9.30, 29.31, -29.17
CIELCh	9, 41.349, 315.143
Yxy	1.0375, 0.2427, 0.1250
Android (android.graphics.Color)	4280944450 (0xFF2A0742)
YUV	24.1910, 20.6118, 15.6185
Hunter-Lab	10.1860, 17.4713, -23.4191

Details

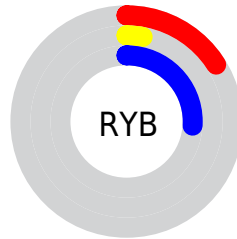
The YUV color **24.1910, 20.6118, 15.6185** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **48.8090, -20.6118, -15.6185**, and the grayscale version is **24.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **71.4300, 21.4800, 17.1629**, and **3.0950, 9.3202, -2.7143** is the 20% darker color. If you saturate the color by 10%, you get **19.1850, 23.0798, 17.3778**, and if you desaturate by 10%, it is **29.1970, 18.1439, 13.8592**.

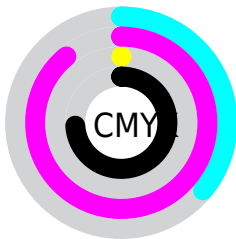
Distribution



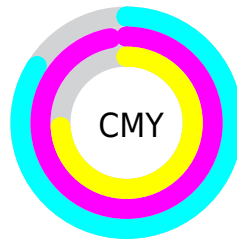
- Red (16%)
- Green (3%)
- Blue (26%)



- Red (16%)
- Yellow (3%)
- Blue (26%)



- Cyan (36%)
- Magenta (89%)
- Yellow (0%)
- Black (74%)



- Cyan (84%)
- Magenta (97%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 24.1910, 20.6118, 15.6185 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 24.1910, 20.6118, 15.6185 by changing the saturation by 10% instead.

■ 24.1910, 20.6118,
15.6185

■ 24.1910, 20.6118,
15.6185

■ 243.8470, 5.4984,
9.7812

■ 12.1920, 15.6813,
10.3556

■ 71.4300, 21.4800,
17.1629

■ 3.0950, 9.3202,
-2.7143

■ 95.2560, 22.0588,
18.1925

■ 0.0000, 0.0000,
0.0000


■ 120.7830, 22.7850,
18.6073


■ 146.6090, 23.3638,
19.6369


■ 173.4350, 23.9425,
20.6665


■ 200.9620, 24.6687,


21.0813


 226.5250, 14.0382,
24.0956


 24.1910, 20.6118,
15.6185


 24.1910, 20.6118,
15.6185


 19.1850, 23.0798,
17.3778

 29.1970, 18.1439,
13.8592

 33.3170, 16.1127,
12.0000

 38.3230, 13.6448,
10.2407

 42.7420, 11.4662,
8.9963

 47.4490, 9.1456,
6.6222

■ 52.4550, 6.6777,
4.8630

■ 56.8740, 4.4991,
3.6185

■ 61.5810, 2.1786,
1.2445

■ 66.0000, 0.0000,
0.0000

Harmonies

Analogous

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



24.4960, 27.8565, -21.4830



24.1910, 20.6118, 15.6185



24.4080, 8.1799, 36.4762

Triad

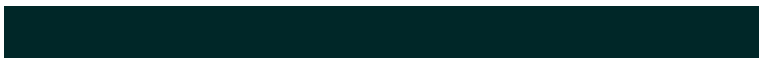
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



24.1910, 20.6118, 15.6185



25.1950, -12.4211, 17.3690



27.4530, 6.1857, -24.0763

Complementary

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



24.1910, 20.6118, 15.6185



48.8090, -20.6118, -15.6185

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.



22.9900, -8.3761, -20.1622



24.1910, 20.6118, 15.6185



23.0030, -11.3405, -2.6336

Square

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



24.1910, 20.6118, 15.6185



18.8370, -9.2866, 38.7310



20.5450, -10.1287, -18.0180



29.8300, 17.8318, -26.1609

Rectangle

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



24.1910, 20.6118, 15.6185



23.8510, -0.4195, 41.3497



20.5450, -10.1287, -18.0180



26.3130, 1.8177, -23.0765

Sweetspot

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



24.1910, 20.6118, 15.6185



69.9220, 8.4195, 6.2074



28.4010, 18.5363, -18.7687



33.2870, 4.7885, 4.1333



171.0000, 0.0000, 0.0000



43.0000, 0.0000, 0.0000

Same Dimension

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



24.1910, 20.6118, 15.6185



25.1670, 30.4837, 22.6555



30.7970, 14.8901, 30.8730



30.9400, 1.0156, 0.9296



28.1010, 33.9672, 25.3444



65.3030, 78.2376, 59.3703

Inverse Universe

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



27.3770, 1.7861, 33.8724



30.0030, 2.4635, 49.9864



42.2030, -14.8901, -30.8730



31.0110, -0.0054, 1.7444



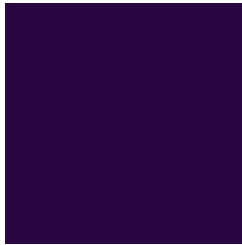
33.4490, 2.7366, 55.7342



77.3500, 6.7295, 128.6121

Previews

White Background



This preview shows how the YUV color 24.1910, 20.6118, 15.6185 looks on a white background.

Color Contrast Check

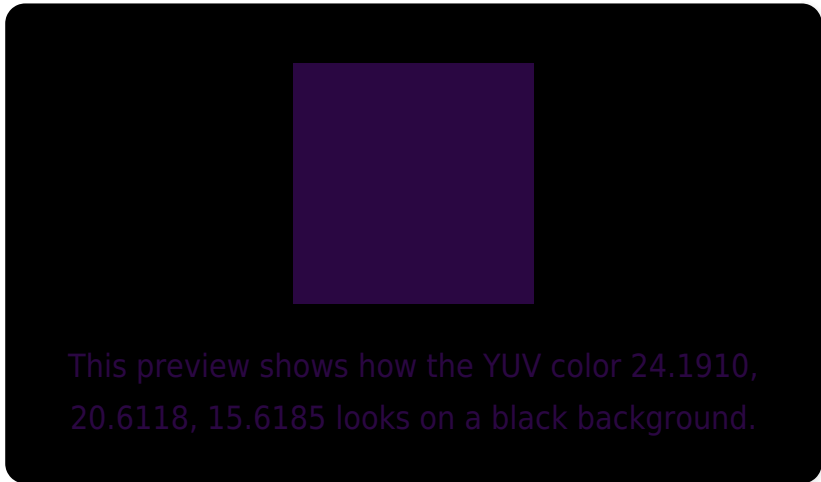
Large Text (above 18pt) WCAG AA ✓ Pass

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

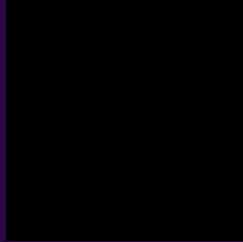
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 24.1910, 20.6118, 15.6185

Background



This preview shows how black text looks on a background with the YUV color 24.1910, 20.6118, 15.6185.



This preview shows how white text looks on a background with the YUV color 24.1910, 20.6118,

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

24.1910, 20.6118, 15.6185

Protanopia

23.0480, 17.2313, -20.2131

Deuteranopia

22.7230, 13.4476, -19.9281



Tritanopia

28.9190, -0.4531, 5.3330

Trichromacy



Original Color

24.1910, 20.6118, 15.6185

Protanomaly

23.1790, 18.6458, -7.1730

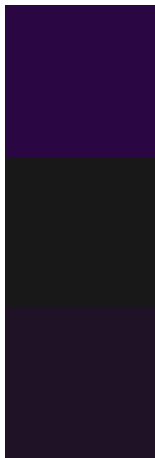
Deuteranomaly

23.1960, 16.1724, -7.1879

Tritanomaly

27.3030, 7.2456, 9.3813

Monochromacy



Original Color

24.1910, 20.6118, 15.6185

Achromatopsia

24.0000, 0.0000, 0.0000

Achromatomaly

24.2810, 7.2565, 5.8926

CSS Examples

Text

The CSS property to change the color of the text to YUV 24.1910, 20.6118, 15.6185 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, 7, 66)` looks like.

```
.text, #text, p{  
    color:rgb(42, 7, 66)  
}
```

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, 7, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 7, 66) }
```

Border

The CSS property to change the border of an element to YUV 24.1910, 20.6118, 15.6185 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, 7, 66) }
```


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

```
.border{ border-color:rgb(42, 7, 66) }
```

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

Here you see how a box with a 4 pixel rgb(42, 7, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 7, 66); -webkit-box-shadow:4px  
4px 4px 4px rgb(42, 7, 66); box-shadow:4px  
4px 4px 4px rgb(42, 7, 66) }
```

Background

The CSS property to change the background color of an element to YUV 24.1910, 20.6118, 15.6185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 7, 66) }
```

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

```
.background{ background-color: rgb(42, 7,  
66) }
```

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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