

Converting Colors

YUV(44.1920, 19.1323, 23.5106)

Have a look what the booklet for
YUV(44.1920, 19.1323, 23.5106)
contains.

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Color

**YUV(44.1920, 19.1323,
23.5106)**

Conversions

Conversions Part 1

Format	Color
Hex	471753
RGB	71, 23, 83
RGB Percent	28%, 9%, 33%
CMY	0.7216, 0.9098, 0.6745
CMYK	0.14, 0.72, 0.00, 0.67
HSL	288°, 57%, 21%
HSV	288°, 72%, 33%
XYZ	4.4663, 2.5769, 8.4456
YIQ	44.1920, 9.3480, 28.8360

Conversions

Conversions Part 2

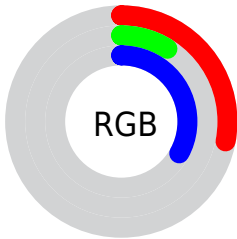
Format	Color
R_{YB}	71, 23, 83
Decimal	4659027
CIE Lab	18.26, 32.74, -26.22
CIE LCh	18, 41.948, 321.313
Yxy	2.5769, 0.2884, 0.1664
Android (android.graphics.Color)	4282849107 (0xFF471753)
YUV	44.1920, 19.1323, 23.5106
Hunter-Lab	16.0528, 21.5705, -19.9564

Details

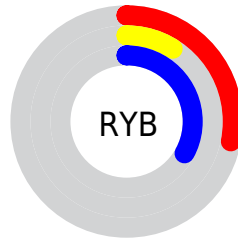
The YUV color **44.1920, 19.1323, 23.5106** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **61.8080, -19.1323, -23.5106**, and the grayscale version is **44.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **92.7300, 19.8531, 25.6698**, and **12.4050, 12.6183, 12.7998** is the 20% darker color. If you saturate the color by 10%, you get **38.8980, 21.7423, 26.3995**, and if you desaturate by 10%, it is **49.4860, 16.5224, 20.6218**.

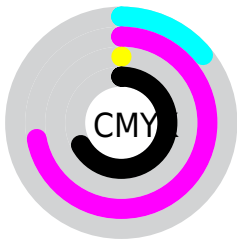
Distribution



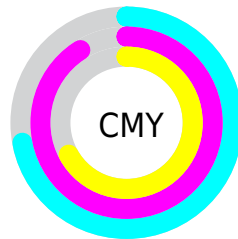
- Red (28%)
- Green (9%)
- Blue (33%)



- Red (28%)
- Yellow (9%)
- Blue (33%)



- Cyan (14%)
- Magenta (72%)
- Yellow (0%)
- Black (67%)



- Cyan (72%)
- Magenta (91%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 44.1920, 19.1323, 23.5106 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 44.1920, 19.1323, 23.5106 by changing the saturation by 10% instead.

■ 44.1920, 19.1323,
23.5106

■ 44.1920, 19.1323,
23.5106

■ 255.0000, 0.0000,
0.0000

■ 20.8930, 19.2798,
22.8958

■ 92.7300, 19.8531,
25.6698

■ 12.4050, 12.6183,
12.7998

■ 118.1430, 20.1425,
26.1846

■ 2.1830, 5.8258,
-1.9145

■ 143.9690, 20.7213,
27.2142

■ 0.0000, 0.0000,
0.0000

■ 171.3820, 21.0107,
27.7290

■ 199.2080, 21.5895,
28.7586

■ 223.3020, 15.6271,

27.7991

240.3250, 7.2348,
12.8700

44.1920, 19.1323,
23.5106

44.1920, 19.1323,
23.5106

38.8980, 21.7423,
26.3995

49.4860, 16.5224,
20.6218

33.3160, 24.4942,
30.4179

55.0680, 13.7705,
16.6034

29.1960, 26.5254,
32.2771

60.3620, 11.1605,
13.7145

65.6560, 8.5506,
10.8257

71.2380, 5.7987,
6.8073

■ 76.5320, 3.1887,
3.9184

■ 81.8260, 0.5788,
1.0296

■ 86.8210, -1.8838,
-2.4740

■ 92.7020, -4.7831,
-5.8777

Harmonies

Analogous

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



38.3860, 31.3617, -25.7715



44.1920, 19.1323, 23.5106



33.7780, 10.4624, 51.0607

Triad

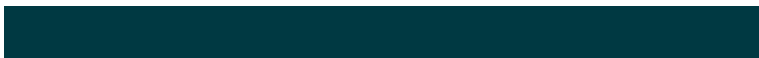
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



44.1920, 19.1323, 23.5106



42.3170, -20.8623, 18.1390



40.9830, 12.3334, -35.9421

Complementary

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



44.1920, 19.1323, 23.5106



61.8080, -19.1323, -23.5106

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.



37.3350, -1.6442, -32.7428



44.1920, 19.1323, 23.5106



39.5270, -19.4868, -3.0932

Square

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



44.1920, 19.1323, 23.5106



40.0900, -19.7644, 39.3861



31.6980, -15.6271, -27.7991



43.3600, 23.9795, -38.0267

Rectangle

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



44.1920, 19.1323, 23.5106



32.6940, 1.1369, 55.5194



31.6980, -15.6271, -27.7991



39.8430, 7.9654, -34.9423

Sweetspot

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



44.1920, 19.1323, 23.5106



92.0040, 7.3930, 8.7665



36.8840, 22.7352, -12.1763



44.8850, 4.4937, 5.3629



181.0000, 0.0000, 0.0000



54.0000, 0.0000, 0.0000

Same Dimension

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



44.1920, 19.1323, 23.5106



46.7280, 29.7141, 36.1955



45.7280, 9.5011, 32.6875



38.3530, 1.3050, 1.4444



37.0860, 33.4816, 41.1436



82.0620, 73.9194, 91.1536

Inverse Universe

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



42.3080, -3.6028, 35.6869



43.9730, -5.4097, 55.2747



60.2720, -9.5011, -32.6875



38.3100, -0.1528, 2.3591



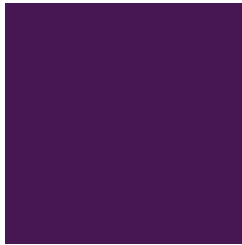
33.7890, -6.3050, 62.4520



74.6120, -14.1057, 138.0293

Previews

White Background



This preview shows how the YUV color 44.1920, 19.1323, 23.5106 looks on a white background.

Color Contrast Check

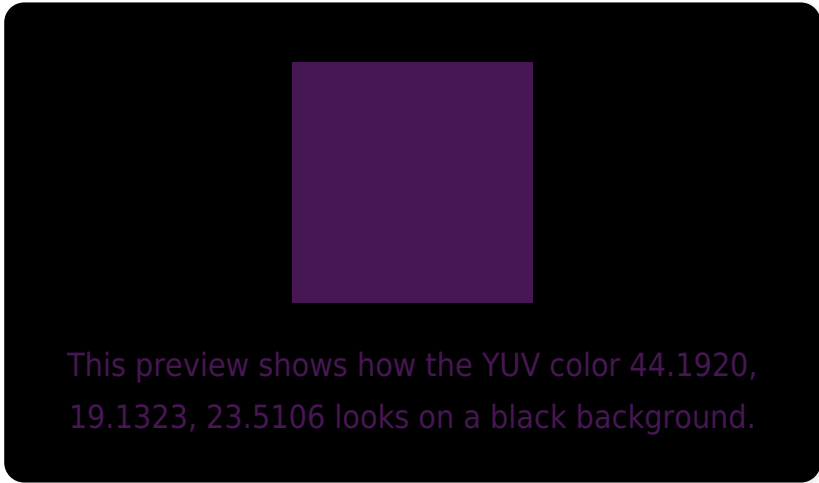
Large Text (above 18pt) WCAG AA ✓ Pass

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

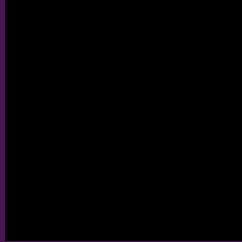
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 44.1920, 19.1323, 23.5106

Background



This preview shows how black text looks on a background with the YUV color 44.1920, 19.1323, 23.5106.



This preview shows how white text looks on a background with the YUV color 44.1920, 19.1323,

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

44.1920, 19.1323, 23.5106

Protanopia

36.5440, 28.3258, -32.0491

Deuteranopia

41.9880, 18.2469, -19.2835



Tritanopia

46.4150, -2.6696, 16.2990

Trichromacy



Original Color

44.1920, 19.1323, 23.5106

Protanomaly

39.1660, 25.0612, -11.5466

Deuteranomaly

43.0870, 18.1981, -3.5843

Tritanomaly

45.7880, 5.0345, 18.6029

Monochromacy



Original Color

44.1920, 19.1323, 23.5106

Achromatopsia

44.0000, 0.0000, 0.0000

Achromatomaly

43.8900, 6.9562, 8.8665

CSS Examples

Text

The CSS property to change the color of the text to YUV 44.1920, 19.1323, 23.5106 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(71, 23, 83)` looks like.

```
.text, #text, p{  
    color:rgb(71, 23, 83)  
}
```

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(71, 23, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 23, 83) }
```

Border

The CSS property to change the border of an element to YUV 44.1920, 19.1323, 23.5106 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(71, 23, 83) }
```


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

```
.border{ border-color:rgb(71, 23, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 23, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 23, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 23, 83);  
box-shadow:4px 4px 4px 4px rgb(71, 23, 83)  
}
```

Background

The CSS property to change the background color of an element to YUV 44.1920, 19.1323, 23.5106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 23, 83) }
```

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

```
.background{ background-color: rgb(71, 23,  
83) }
```

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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