

Converting Colors

YUV(51.2430, 11.7122, 23.4659)

Have a look what the booklet for
YUV(51.2430, 11.7122, 23.4659)
contains.

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Color

**YUV(51.2430, 11.7122,
23.4659)**

Conversions

Conversions Part 1

Format	Color
Hex	4E214B
RGB	78, 33, 75
RGB Percent	31%, 13%, 29%
CMY	0.6941, 0.8706, 0.7059
CMYK	0.00, 0.58, 0.04, 0.69
HSL	304°, 41%, 22%
HSV	304°, 58%, 31%
XYZ	4.9557, 3.2154, 7.0161
YIQ	51.2430, 13.3380, 22.6020

Conversions

Conversions Part 2

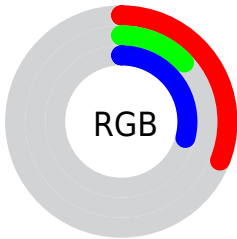
Format	Color
RYB	78, 33, 75
Decimal	5120331
CIELab	20.89, 27.80, -16.58
CIElCh	21, 32.369, 329.181
Yxy	3.2154, 0.3263, 0.2117
Android (android.graphics.Color)	4283310411 (0xFF4E214B)
YUV	51.2430, 11.7122, 23.4659
Hunter-Lab	17.9316, 17.9517, -10.6462

Details

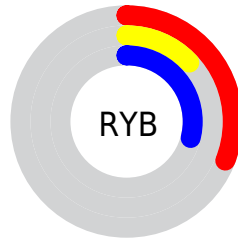
The YUV color **51.2430, 11.7122, 23.4659** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **59.7570, -11.7122, -23.4659**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **99.6670, 11.9962, 25.7250**, and **13.9990, 8.3815, 18.4179** is the 20% darker color. If you saturate the color by 10%, you get **46.4330, 13.5905, 27.6843**, and if you desaturate by 10%, it is **56.0530, 9.8339, 19.2475**.

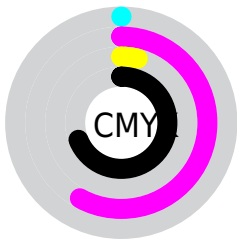
Distribution



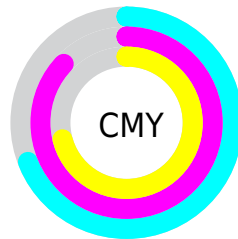
- Red (31%)
- Green (13%)
- Blue (29%)



- Red (31%)
- Yellow (13%)
- Blue (29%)



- Cyan (0%)
- Magenta (58%)
- Yellow (4%)
- Black (69%)



- Cyan (69%)
- Magenta (87%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.2430, 11.7122, 23.4659 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 51.2430, 11.7122, 23.4659 by changing the saturation by 10% instead.

■ 51.2430, 11.7122,
23.4659

■ 51.2430, 11.7122,
23.4659

■ 255.0000, 0.0000,
0.0000

■ 27.9440, 11.8596,
22.8511

■ 99.6670, 11.9962,
25.7250

■ 13.9990, 8.3815,
18.4179

■ 125.0800, 12.2856,
26.2398

■ 0.2280, 0.8736,
-0.2000

■ 150.9060, 12.8643,
27.2694

■ 0.0000, 0.0000,
0.0000

■ 177.6180, 13.0063,
28.3990

■ 205.9170, 12.8589,
29.0138

■ 229.1720, 12.7332,

22.6512

246.1950, 4.3409,
7.7220

51.2430, 11.7122,
23.4659

51.2430, 11.7122,
23.4659

46.4330, 13.5905,
27.6843

56.0530, 9.8339,
19.2475

41.7370, 15.9057,
31.8027

60.7490, 7.5187,
15.1291

37.5140, 17.4946,
35.5062

64.9720, 5.9298,
11.4256

32.8180, 19.8097,
39.6246

69.6680, 3.6147,
7.3072

31.6440, 20.3885,
40.6542

74.4780, 1.7363,
3.0888

■ 79.1740, -0.5788,
-1.0296

■ 83.9840, -2.4571,
-5.2480

■ 88.0930, -4.4828,
-8.8516

■ 92.9030, -6.3612,
-13.0699

Harmonies

Analogous

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



50.6680, 20.3767, -2.3398



51.2430, 11.7122, 23.4659



48.3990, 1.7753, 37.3611

Triad

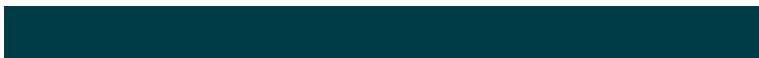
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



51.2430, 11.7122, 23.4659



47.6000, -23.4668, 13.5058



44.1290, 14.2334, -38.7011

Complementary

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



51.2430, 11.7122, 23.4659



59.7570, -11.7122, -23.4659

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.



41.3930, 3.7503, -36.3017



51.2430, 11.7122, 23.4659



44.6470, -21.5180, -4.9524

Square

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



51.2430, 11.7122, 23.4659



47.4970, -20.4580, 28.5051



37.3690, -6.5909, -32.7726



45.0070, 22.6745, -39.4711

Rectangle

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



51.2430, 11.7122, 23.4659



47.7600, -5.7977, 39.6755



37.3690, -6.5909, -32.7726



43.2170, 10.7390, -37.9013

Sweetspot

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



51.2430, 11.7122, 23.4659



91.9070, 4.4828, 8.8516



39.0270, 19.2137, -2.6547



45.0160, 2.4571, 5.2480



179.0000, 0.0000, 0.0000



51.0000, 0.0000, 0.0000

Same Dimension

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



51.2430, 11.7122, 23.4659



60.3400, 18.0734, 36.5358



48.7350, 2.1026, 25.6654



35.6520, 1.1576, 2.0592



41.3280, 26.4603, 53.2093



93.1660, 59.5712, 120.0034

Inverse Universe

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



51.2430, 11.7122, 23.4659



60.3400, 18.0734, 36.5358



62.3790, -1.6658, -25.7654



35.6520, 1.1576, 2.0592



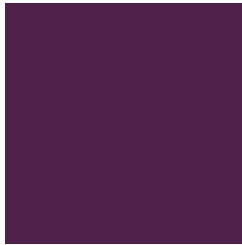
41.3280, 26.4603, 53.2093



93.1660, 59.5712, 120.0034

Previews

White Background



This preview shows how the YUV color 51.2430, 11.7122, 23.4659 looks on a white background.

Color Contrast Check

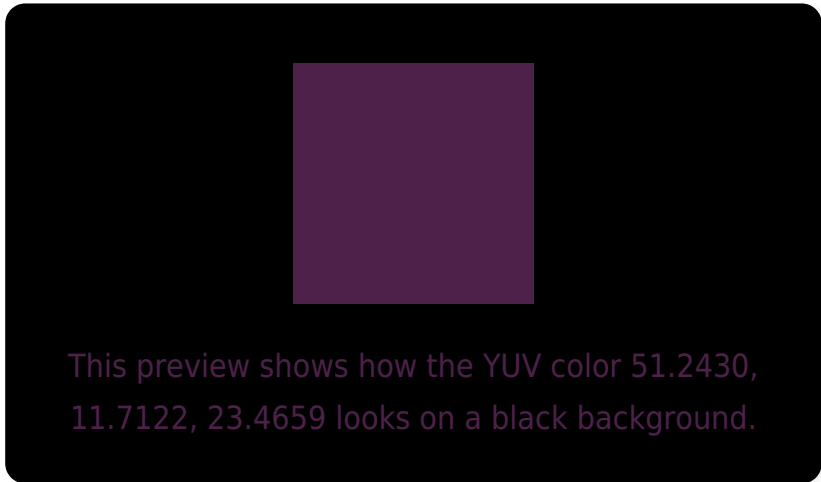
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.2430, 11.7122, 23.4659

Background



This preview shows how black text looks on a background with the YUV color 51.2430, 11.7122, 23.4659.



This preview shows how white text looks on a background with the YUV color 51.2430, 11.7122,

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

51.2430, 11.7122, 23.4659

Protanopia

49.4770, 19.9778, -14.4503

Deuteranopia

51.3010, 10.2046, -6.4030



Tritanopia

51.2090, -3.5540, 19.9877

Trichromacy



Original Color

51.2430, 11.7122, 23.4659

Protanomaly

50.1690, 17.1717, -1.0252

Deuteranomaly

50.8940, 10.8983, 4.4780

Tritanomaly

51.0010, 1.9715, 21.0471

Monochromacy



Original Color

51.2430, 11.7122, 23.4659

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

50.9070, 4.4828, 8.8516

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.2430, 11.7122, 23.4659 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(78, 33, 75)` looks like.

```
.text, #text, p{  
  color:rgb(78, 33, 75)  
}
```

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(78, 33, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 33, 75) }
```

Border

The CSS property to change the border of an element to YUV 51.2430, 11.7122, 23.4659 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(78, 33, 75) }
```


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

```
.border{ border-color:rgb(78, 33, 75) }
```

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

Here you see how a box with a 4 pixel rgb(78, 33, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 33, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 33, 75);  
box-shadow:4px 4px 4px 4px rgb(78, 33, 75)  
}
```

Background

The CSS property to change the background color of an element to YUV 51.2430, 11.7122, 23.4659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 33, 75) }
```

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

```
.background{ background-color: rgb(78, 33,  
75) }
```

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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