

Converting Colors

YUV(18.8530, 23.2435, 11.5299)

Have a look what the booklet for
YUV(18.8530, 23.2435, 11.5299)
contains.

YUV(18.8530, 23.2435, 11.5299)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(18.8530, 23.2435,
11.5299)**

Conversions

Conversions Part 1

Format	Color
Hex	200342
RGB	32, 3, 66
RGB Percent	13%, 1%, 26%
CMY	0.8745, 0.9882, 0.7412
CMYK	0.52, 0.95, 0.00, 0.74
HSL	268°, 91%, 14%
HSV	268°, 95%, 26%
XYZ	1.6116, 0.7655, 5.2171
YIQ	18.8530, -2.9390, 25.7410

Conversions

Conversions Part 2

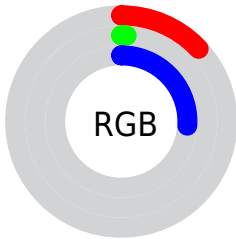
Format	Color
R_{YB}	32, 3, 66
Decimal	2097986
CIE Lab	6.92, 29.68, -33.13
CIE LCh	7, 44.483, 311.854
Yxy	0.7655, 0.2122, 0.1008
Android (android.graphics.Color)	4280288066 (0xFF200342)
YUV	18.8530, 23.2435, 11.5299
Hunter-Lab	8.7496, 17.5665, -29.2280

Details

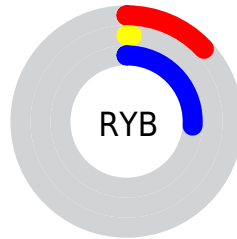
The YUV color **18.8530, 23.2435, 11.5299** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **50.1470, -23.2435, -11.5299**, and the grayscale version is **19.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **65.5050, 24.4010, 13.5891**, and **3.0950, 9.3202, -2.7143** is the 20% darker color. If you saturate the color by 10%, you get **16.4940, 24.4065, 11.8448**, and if you desaturate by 10%, it is **24.1580, 20.6281, 10.3854**.

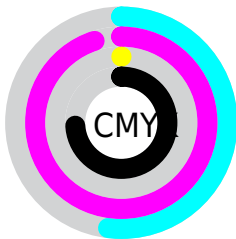
Distribution



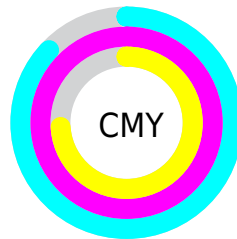
- Red (13%)
- Green (1%)
- Blue (26%)



- Red (13%)
- Yellow (1%)
- Blue (26%)



- Cyan (52%)
- Magenta (95%)
- Yellow (0%)
- Black (74%)



- Cyan (87%)
- Magenta (99%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 18.8530, 23.2435, 11.5299 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 18.8530, 23.2435, 11.5299 by changing the saturation by 10% instead.

■ 18.8530, 23.2435,
11.5299

■ 18.8530, 23.2435,
11.5299

■ 239.7380, 7.5242,
13.3848

■ 6.5110, 18.4821,
-1.3251

■ 65.5050, 24.4010,
13.5891

■ 3.0950, 9.3202,
-2.7143

■ 89.4450, 25.4166,
14.5187

■ 0.0000, 0.0000,
0.0000


■ 114.5700, 25.8480,
16.1631


■ 140.2110, 27.0110,
16.4780


■ 167.0370, 27.5898,
17.5076


■ 194.4500, 27.8792,


18.0224


 220.0130, 17.2486,
21.0366


 18.8530, 23.2435,
11.5299


 18.8530, 23.2435,
11.5299


 16.4940, 24.4065,
11.8448

 24.1580, 20.6281,
10.3854

 28.5770, 18.4495,
9.1410

 33.8820, 15.8342,
7.9965

 38.3010, 13.6556,
6.7520

 43.6060, 11.0402,
5.6075

■ 48.6120, 8.5723,
3.8483

■ 53.3300, 6.2463,
3.2186

■ 58.3360, 3.7784,
1.4593

■ 63.0540, 1.4524,
0.8296

Harmonies

Analogous

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



22.7350, 28.7246, -19.9386



18.8530, 23.2435, 11.5299



22.7990, 8.4801, 33.5023

Triad

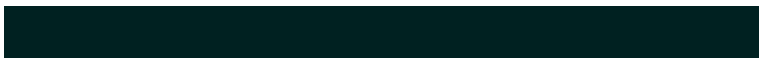
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



18.8530, 23.2435, 11.5299



19.6020, -9.6638, 19.6430



23.1330, 4.8644, -20.2876

Complementary

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



18.8530, 23.2435, 11.5299



50.1470, -23.2435, -11.5299

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.



18.7840, -9.2605, -16.4736



18.8530, 23.2435, 11.5299



19.1600, -9.4459, -3.6483

Square

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



18.8530, 23.2435, 11.5299



17.9400, -8.8444, 36.8866



18.7840, -9.2605, -16.4736



26.9120, 16.8054, -23.6018

Rectangle

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



18.8530, 23.2435, 11.5299



22.7260, -0.8509, 39.7053



18.7840, -9.2605, -16.4736



21.4060, 0.7858, -18.7731

Sweetspot

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



18.8530, 23.2435, 11.5299



68.1390, 9.2985, 4.2631



30.7270, 17.3896, -24.3166



31.8030, 5.5201, 2.8038



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.



18.8530, 23.2435, 11.5299



21.8780, 32.1051, 15.8930



28.1220, 18.6739, 30.5880



30.6410, 1.1630, 0.3148



24.5130, 35.7361, 17.9671



56.3330, 82.6598, 40.9270

Inverse Universe

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



25.7130, 5.5645, 35.3317



31.3710, 7.7051, 48.7866



40.8780, -18.6739, -30.5880



31.1250, 0.4314, 1.6444



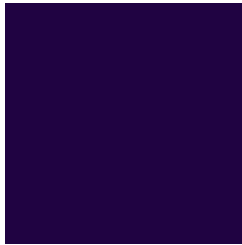
34.9310, 8.4150, 54.4345



80.7700, 19.8334, 125.6127

Previews

White Background



This preview shows how the YUV color 18.8530, 23.2435, 11.5299 looks on a white background.

Color Contrast Check

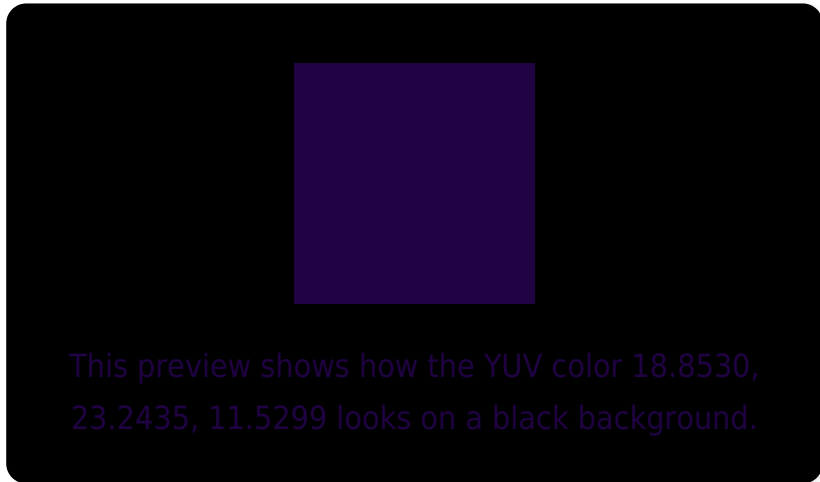
Large Text (above 18pt) WCAG AA ✓ Pass

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

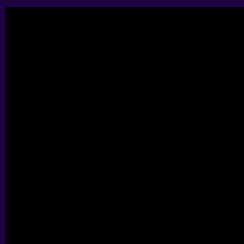
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 18.8530, 23.2435, 11.5299

Background



This preview shows how black text looks on a background with the YUV color 18.8530, 23.2435, 11.5299.



This preview shows how white text looks on a background with the YUV color 18.8530, 23.2435,

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

18.8530, 23.2435, 11.5299

Protanopia

19.9020, 15.3313, -17.4541

Deuteranopia

20.1640, 11.2581, -17.6838



Tritanopia

24.7330, 1.6106, -3.2738

Trichromacy



Original Color

18.8530, 23.2435, 11.5299

Protanomaly

19.3640, 18.0615, -6.4582

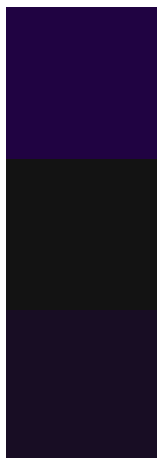
Deuteranomaly

19.9680, 15.2988, -6.9879

Tritanomaly

22.8290, 9.4513, 1.9040

Monochromacy



Original Color

18.8530, 23.2435, 11.5299

Achromatopsia

19.0000, 0.0000, 0.0000

Achromatomaly

18.9110, 8.4249, 4.4631

CSS Examples

Text

The CSS property to change the color of the text to YUV 18.8530, 23.2435, 11.5299 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(32, 3, 66)` looks like.

```
.text, #text, p{  
    color:rgb(32, 3, 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(32, 3, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 3, 66) }
```

Border

The CSS property to change the border of an element to YUV 18.8530, 23.2435, 11.5299 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(32, 3, 66) }
```


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

```
.border{ border-color:rgb(32, 3, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 3, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 3, 66); -webkit-box-shadow:4px  
4px 4px 4px rgb(32, 3, 66); box-shadow:4px  
4px 4px 4px rgb(32, 3, 66) }
```

Background

The CSS property to change the background color of an element to YUV 18.8530, 23.2435, 11.5299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 3, 66) }
```

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

```
.background{ background-color: rgb(32, 3,  
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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