

Converting Colors

YUV(23.6530, 19.8911, 13.4593)

Have a look what the booklet for
YUV(23.6530, 19.8911, 13.4593)
contains.

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Color

**YUV(23.6530, 19.8911,
13.4593)**

Conversions

Conversions Part 1

Format	Color
Hex	270840
RGB	39, 8, 64
RGB Percent	15%, 3%, 25%
CMY	0.8471, 0.9686, 0.7490
CMYK	0.39, 0.88, 0.00, 0.75
HSL	273°, 78%, 14%
HSV	273°, 88%, 25%
XYZ	1.8489, 0.9752, 4.9413
YIQ	23.6530, 0.5000, 23.9880

Conversions

Conversions Part 2

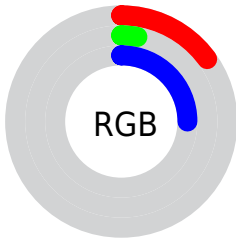
Format	Color
R_{YB}	39, 8, 64
Decimal	2558016
CIE _{Lab}	8.78, 27.65, -28.61
CIE _{LCh}	9, 39.787, 314.023
Yxy	0.9752, 0.2381, 0.1256
Android (android.graphics.Color)	4280748096 (0xFF270840)
YUV	23.6530, 19.8911, 13.4593
Hunter-Lab	9.8751, 16.1400, -22.7549

Details

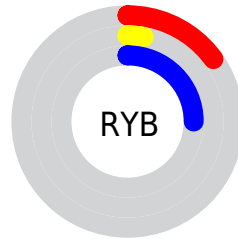
The YUV color **23.6530, 19.8911, 13.4593** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **48.3470, -19.8911, -13.4593**, and the grayscale version is **23.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **69.8920, 20.7592, 15.0037**, and **2.8670, 8.4466, -2.5144** is the 20% darker color. If you saturate the color by 10%, you get **19.2340, 22.0696, 14.7038**, and if you desaturate by 10%, it is **28.0720, 17.7125, 12.2149**.

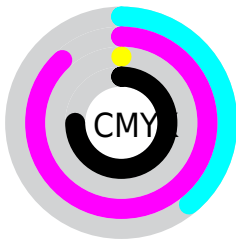
Distribution



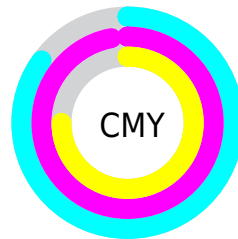
- Red (15%)
- Green (3%)
- Blue (25%)



- Red (15%)
- Yellow (3%)
- Blue (25%)



- Cyan (39%)
- Magenta (88%)
- Yellow (0%)
- Black (75%)



- Cyan (85%)
- Magenta (97%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 23.6530, 19.8911, 13.4593 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 23.6530, 19.8911, 13.4593 by changing the saturation by 10% instead.

■ 23.6530, 19.8911,
13.4593

■ 23.6530, 19.8911,
13.4593

■ 243.2600, 5.7878,
10.2960

■ 10.7680, 15.3974,
8.0965

■ 69.8920, 20.7592,
15.0037

■ 2.8670, 8.4466,
-2.5144

■ 94.1310, 21.6274,
16.5481

■ 0.0000, 0.0000,
0.0000


■ 119.6580, 22.3536,
16.9629


■ 145.4840, 22.9324,
17.9925


■ 172.0110, 23.6586,
18.4074


■ 199.4240, 23.9480,


18.9222


 225.3290, 14.6278,
21.6365


 23.6530, 19.8911,
13.4593


 23.6530, 19.8911,
13.4593


 19.2340, 22.0696,
14.7038


 28.0720, 17.7125,
12.2149

 17.7610, 22.7958,
15.1186

 33.0780, 15.2445,
10.4556

 37.4970, 13.0660,
9.2111

 42.2040, 10.7454,
6.8371

 46.6230, 8.5669,
5.5926

■ 51.0420, 6.3883,
4.3482

■ 56.0480, 3.9203,
2.5889

■ 60.4670, 1.7418,
1.3444

■ 65.4730, -0.7262,
-0.4148

Harmonies

Analogous

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



23.5670, 26.8355, -20.6683



23.6530, 19.8911, 13.4593



23.3970, 8.1853, 34.7318

Triad

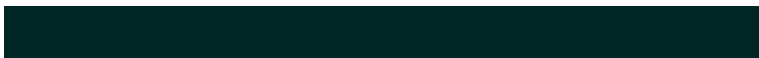
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



23.6530, 19.8911, 13.4593



23.7220, -11.6949, 17.7838



26.5240, 5.1647, -23.2615

Complementary

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



23.6530, 19.8911, 13.4593



48.3470, -19.8911, -13.4593

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.



22.1750, -8.9603, -19.4475



23.6530, 19.8911, 13.4593



22.7150, -11.1985, -1.5041

Square

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



23.6530, 19.8911, 13.4593



18.2390, -8.9918, 37.5014



19.9580, -9.8393, -17.5032



28.7870, 16.3740, -25.2462

Rectangle

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



23.6530, 19.8911, 13.4593



22.9540, 0.0227, 39.5053



19.9580, -9.8393, -17.5032



24.9110, 1.5229, -21.8469

Sweetspot

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



23.6530, 19.8911, 13.4593



68.0960, 7.8407, 5.1778



29.0590, 17.2259, -18.4687



33.5750, 4.6465, 3.0037



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.



23.6530, 19.8911, 13.4593



23.6290, 29.7629, 20.4964



30.7860, 14.8955, 29.1287



30.9400, 1.0156, 0.9296



27.2040, 34.4094, 23.5001



62.6120, 79.5643, 53.8373

Inverse Universe

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



27.5940, 2.6652, 31.9281



29.4480, 4.2161, 47.8421



41.2140, -14.8955, -29.1287



31.0110, -0.0054, 1.7444



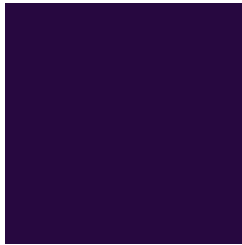
33.9050, 4.4838, 55.3343



78.3760, 10.6606, 127.7122

Previews

White Background



This preview shows how the YUV color 23.6530, 19.8911, 13.4593 looks on a white background.

Color Contrast Check

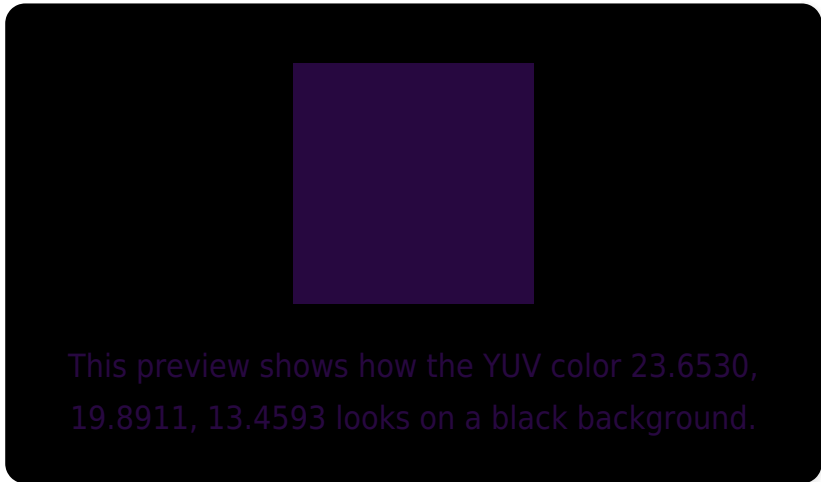
Large Text (above 18pt) WCAG AA ✓ Pass

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

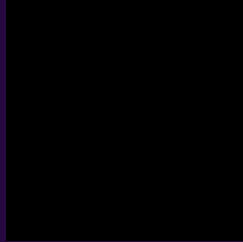
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 23.6530, 19.8911, 13.4593

Background



This preview shows how black text looks on a background with the YUV color 23.6530, 19.8911, 13.4593.



This preview shows how white text looks on a background with the YUV color 23.6530, 19.8911,

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

23.6530, 19.8911, 13.4593

Protanopia

21.6460, 16.9365, -18.9835

Deuteranopia

21.9080, 12.8634, -19.2133



Tritanopia

27.7230, 0.1366, 2.8739

Trichromacy



Original Color

23.6530, 19.8911, 13.4593

Protanomaly

22.0650, 18.2090, -7.0730

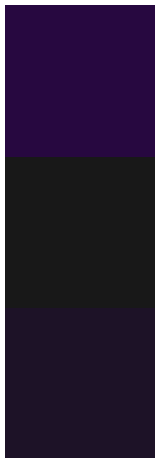
Deuteranomaly

22.6690, 15.4462, -7.6027

Tritanomaly

25.9930, 7.3985, 7.0221

Monochromacy



Original Color

23.6530, 19.8911, 13.4593

Achromatopsia

24.0000, 0.0000, 0.0000

Achromatomaly

23.6830, 7.5513, 4.6630

CSS Examples

Text

The CSS property to change the color of the text to YUV 23.6530, 19.8911, 13.4593 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(39, 8, 64)` looks like.

```
.text, #text, p{  
    color:rgb(39, 8, 64)  
}
```

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(39, 8, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 8, 64) }
```

Border

The CSS property to change the border of an element to YUV 23.6530, 19.8911, 13.4593 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(39, 8, 64) }
```


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

```
.border{ border-color:rgb(39, 8, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 8, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 8, 64); -webkit-box-shadow:4px  
4px 4px 4px rgb(39, 8, 64); box-shadow:4px  
4px 4px 4px rgb(39, 8, 64) }
```

Background

The CSS property to change the background color of an element to YUV 23.6530, 19.8911, 13.4593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 8, 64) }
```

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

```
.background{ background-color: rgb(39, 8,  
64) }
```

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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