

Converting Colors

YUV(23.5560, 13.5299, 0.3894)

Have a look what the booklet for
YUV(23.5560, 13.5299, 0.3894)
contains.

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Color

**YUV(23.5560, 13.5299,
0.3894)**

Conversions

Conversions Part 1

Format	Color
Hex	181233
RGB	24, 18, 51
RGB Percent	9%, 7%, 20%
CMY	0.9059, 0.9294, 0.8000
CMYK	0.53, 0.65, 0.00, 0.80
HSL	251°, 48%, 14%
HSV	251°, 65%, 20%
XYZ	1.1905, 0.8658, 3.2363
YIQ	23.5560, -7.0170, 11.5350

Conversions

Conversions Part 2

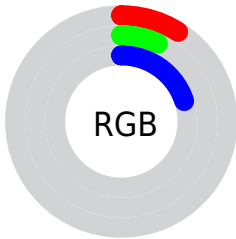
Format	Color
RYB	24, 18, 51
Decimal	1577523
CIELab	7.82, 13.44, -20.88
CIElCh	8, 24.835, 302.772
Yxy	0.8658, 0.2249, 0.1636
Android (android.graphics.Color)	4279767603 (0xFF181233)
YUV	23.5560, 13.5299, 0.3894
Hunter-Lab	9.3049, 6.5548, -14.1081




Details

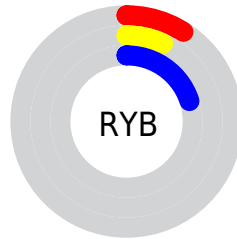
The YUV color **23.5560, 13.5299, 0.3894** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **45.4440, -13.5299, -0.3894**, and the grayscale version is **23.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **67.0230, 15.2717, 1.7338**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **19.4250, 15.5665, 0.5043**, and if you desaturate by 10%, it is **27.6870, 11.4933, 0.2745**.

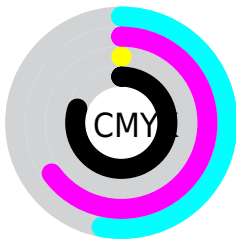
Distribution







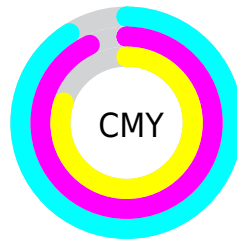
-  Red (9%)
-  Green (7%)
-  Blue (20%)






-  Red (9%)
-  Yellow (7%)
-  Blue (20%)



-  Cyan (53%)
-  Magenta (65%)
-  Yellow (0%)
-  Black (80%)



-  Cyan (91%)
-  Magenta (93%)
-  Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 23.5560, 13.5299, 0.3894 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 23.5560, 13.5299, 0.3894 by changing the saturation by 10% instead.

■ 23.5560, 13.5299,
0.3894

■ 23.5560, 13.5299,
0.3894

■ 247.3690, 3.7621,
6.6924

■ 3.4200, 13.1039,
-2.9993

■ 67.0230, 15.2717,
1.7338

■ 0.0000, 0.0000,
0.0000

■ 90.8490, 15.8504,
2.7634

■ 115.3760, 16.5766,
3.1782

■ 141.3760, 16.5766,
3.1782

■ 167.6040, 17.4502,
2.9783

■ 195.0170, 17.7396,

3.4931

■ 221.9740, 16.2818,
4.4078

■ 23.5560, 13.5299,
0.3894

■ 23.5560, 13.5299,
0.3894

■ 19.4250, 15.5665,
0.5043

■ 27.6870, 11.4933,
0.2745

■ 15.2940, 17.6031,
0.6192

■ 31.8180, 9.4567,
0.1596

■ 10.8640, 19.7870,
0.1193

■ 36.2480, 7.2727,
0.6595

■ 8.5050, 20.9500,
0.4341

■ 40.3790, 5.2362,
0.5446

■ 45.0970, 2.9102,
-0.0851

■ 49.2280, 0.8736,
-0.2000

■ 53.3590, -1.1630,
-0.3148

■ 57.4900, -3.1996,
-0.4297

■ 61.9200, -5.3836,
0.0702

Harmonies

Analogous

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



21.0590, 17.2259, -18.4687



23.5560, 13.5299, 0.3894



22.7710, 7.5079, 18.6178

Triad

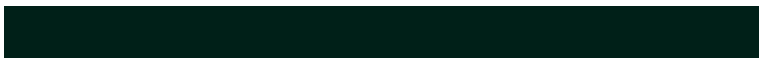
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



23.5560, 13.5299, 0.3894



21.9500, -10.8213, 17.5839



21.5200, 1.2226, -18.8730

Complementary

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



23.5560, 13.5299, 0.3894



45.4440, -13.5299, -0.3894

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.



18.1970, -8.9711, -15.9588



23.5560, 13.5299, 0.3894



22.1720, -10.9308, 5.9882

Square

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



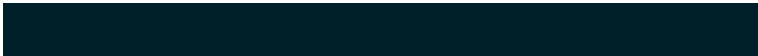
23.5560, 13.5299, 0.3894



19.9450, -9.8329, 27.2352



19.1270, -9.4296, -8.8814



23.4580, 8.6482, -20.5727

Rectangle

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



23.5560, 13.5299, 0.3894



21.0770, 3.4130, 25.3655



19.1270, -9.4296, -8.8814



20.8360, -1.3981, -18.2732

Sweetspot

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



23.5560, 13.5299, 0.3894



55.9660, 4.9468, 0.0298



37.6110, 6.6008, -17.1988



27.0970, 2.9102, -0.0851



161.0000, 0.0000, 0.0000



33.0000, 0.0000, 0.0000

Same Dimension

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



23.5560, 13.5299, 0.3894



23.5050, 20.9500, 0.4341



28.3400, 11.1714, 10.2258



23.3420, 1.3104, -0.2999



14.9300, 36.5165, 0.9384



36.3990, 89.0363, 2.2811

Inverse Universe

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



30.9450, 6.9291, 17.5882



35.0370, 10.8278, 27.1546



40.6600, -11.1714, -10.2258



24.1250, 0.4314, 1.6444



34.9330, 18.7670, 47.4168



85.0610, 45.3259, 115.7105

Previews

White Background



This preview shows how the YUV color 23.5560, 13.5299, 0.3894 looks on a white background.

Color Contrast Check

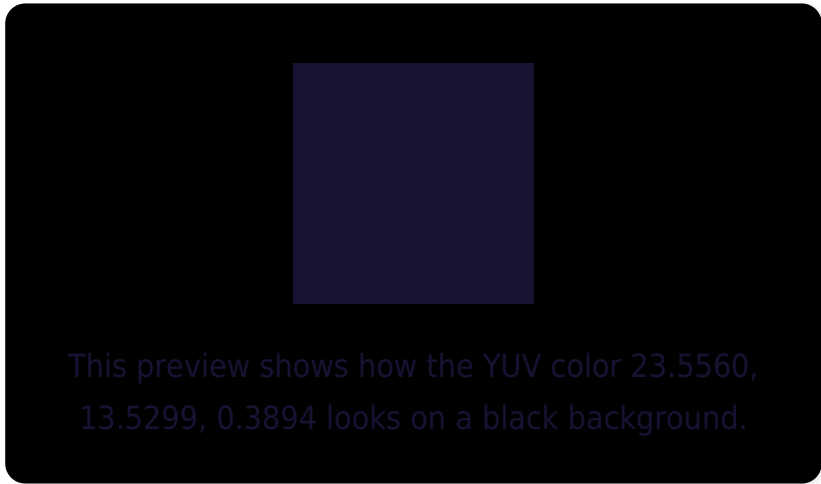
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.5560, 13.5299, 0.3894

Background



This preview shows how black text looks on a background with the YUV color 23.5560, 13.5299, 0.3894.



This preview shows how white text looks on a background with the YUV color 23.5560, 13.5299,

0.3894.

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

23.5560, 13.5299, 0.3894

Protanopia

18.9730, 14.3103, -16.6393

Deuteranopia

18.8760, 11.4001, -16.5543



Tritanopia

22.5370, 2.2003, -5.7329

Trichromacy



Original Color

23.5560, 13.5299, 0.3894

Protanomaly

20.6040, 13.9992, -10.1767

Deuteranomaly

20.7350, 11.9626, -10.2916

Tritanomaly

22.6990, 6.5574, -3.2440

Monochromacy



Original Color

23.5560, 13.5299, 0.3894

Achromatopsia

24.0000, 0.0000, 0.0000

Achromatomaly

23.9660, 4.9468, 0.0298

CSS Examples

Text

The CSS property to change the color of the text to YUV 23.5560, 13.5299, 0.3894 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(24, 18, 51)` looks like.

```
.text, #text, p{  
    color:rgb(24, 18, 51)  
}
```

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(24, 18, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 18, 51) }
```

Border

The CSS property to change the border of an element to YUV 23.5560, 13.5299, 0.3894 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(24, 18, 51) }
```


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

```
.border{ border-color:rgb(24, 18, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 18, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 18, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 18, 51);  
box-shadow:4px 4px 4px 4px rgb(24, 18, 51)  
}
```

Background

The CSS property to change the background color of an element to YUV 23.5560, 13.5299, 0.3894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 18, 51) }
```

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

```
.background{ background-color: rgb(24, 18,  
51) }
```

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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