

Converting Colors

YUV(23.5680, -1.2660, 32.8279)

Have a look what the booklet for
YUV(23.5680, -1.2660, 32.8279)
contains.

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Color

**YUV(23.5680, -1.2660,
32.8279)**

Conversions

Conversions Part 1

Format	Color
Hex	3D0515
RGB	61, 5, 21
RGB Percent	24%, 2%, 8%
CMY	0.7608, 0.9804, 0.9176
CMYK	0.00, 0.92, 0.66, 0.76
HSL	343°, 85%, 13%
HSV	343°, 92%, 24%
XYZ	2.1141, 1.1548, 0.8209
YIQ	23.5680, 28.2400, 16.8480

Conversions

Conversions Part 2

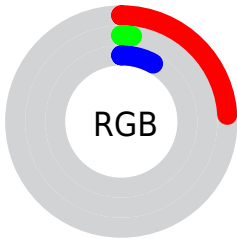
Format	Color
RYB	61, 5, 21
Decimal	3998997
CIELab	10.22, 27.60, 5.88
CIELCh	10, 28.219, 12.022
Yxy	1.1548, 0.5169, 0.2824
Android (android.graphics.Color)	4282189077 (0xFF3D0515)
YUV	23.5680, -1.2660, 32.8279
Hunter-Lab	10.7461, 16.3110, 2.9929

Details


The YUV color **23.5680, -1.2660, 32.8279** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **42.4320, 1.2660, -32.8279**, and the grayscale version is **24.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **71.1940, -4.0396, 35.7869**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **20.1770, -1.5663, 35.8018**, and if you desaturate by 10%, it is **27.5460, -1.2552, 29.3392**.

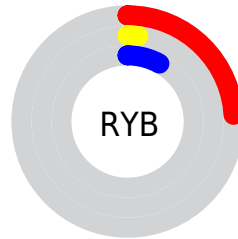
Distribution



 Red (24%)

 Green (2%)

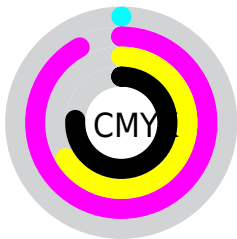
 Blue (8%)



 Red (24%)

 Yellow (2%)

 Blue (8%)

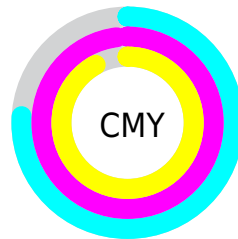


 Cyan (0%)


 Magenta (92%)

 Yellow (66%)

 Black (76%)



 Cyan (76%)

 Magenta (98%)

 Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 23.5680, -1.2660, 32.8279 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 23.5680, -1.2660, 32.8279 by changing the saturation by 10% instead.

■ 23.5680, -1.2660,
32.8279

■ 23.5680, -1.2660,
32.8279

■ 242.7070, 1.1304,
10.7810

■ 12.3730, -5.6069,
25.1059

■ 71.1940, -4.0396,
35.7869

■ 0.0000, 0.0000,
0.0000

■ 95.9770, -4.9187,
37.7312


■ 121.5750, -5.2135,
38.9607


■ 148.3580, -6.0925,
40.9050


■ 174.9560, -6.3873,
42.1346


■ 202.5540, -6.6821,


43.3641


 223.0790, -2.9969,
27.9947


 23.5680, -1.2660,
32.8279


 23.5680, -1.2660,
32.8279


 20.1770, -1.5663,
35.8018

 27.5460, -1.2552,
29.3392

 31.6380, -0.8075,
25.7505

 35.6160, -0.7967,
22.2618

 39.5940, -0.7858,
18.7731

 44.2730, -0.6276,
14.6696

■ 48.2510, -0.6167,
11.1809

■ 52.3430, -0.1691,
7.5922

■ 56.3210, -0.1583,
4.1035

■ 60.2990, -0.1474,
0.6148

Harmonies

Analogous

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



26.0000, 6.9020, 26.3100



23.5680, -1.2660, 32.8279



24.6740, -12.1643, 28.3499

Triad

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



23.5680, -1.2660, 32.8279



22.0510, -10.8711, -13.1997



26.6670, 18.4052, -23.3870

Complementary

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



23.5680, -1.2660, 32.8279



42.4320, 1.2660, -32.8279

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.



27.1740, 12.7322, -23.8316



23.5680, -1.2660, 32.8279



22.7280, -4.3029, -19.9325

Square

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



23.5680, -1.2660, 32.8279



25.6940, -12.6671, 2.8994



25.7090, 4.5805, -22.5468



23.9600, 20.7257, -21.0129

Rectangle

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



23.5680, -1.2660, 32.8279



26.6900, -13.1582, 20.4429



25.7090, 4.5805, -22.5468



27.0260, 17.2422, -23.7018

Sweetspot

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



23.5680, -1.2660, 32.8279



64.2620, -0.6222, 12.9252



23.0450, 18.7118, 18.3775



31.6420, -0.3165, 8.2070



168.0000, 0.0000, 0.0000



41.0000, 0.0000, 0.0000

Same Dimension

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



23.5680, -1.2660, 32.8279



26.2430, -1.5988, 46.2679



28.2010, -11.4381, 28.7647



28.8970, -0.4422, 1.8443



31.1840, -2.0627, 55.0896



73.5600, -5.2061, 130.1819

Inverse Universe

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



23.5680, -1.2660, 32.8279



26.2430, -1.5988, 46.2679



37.7990, 11.4381, -28.7647



28.8970, -0.4422, 1.8443



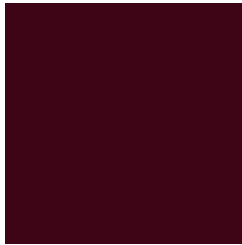
31.1840, -2.0627, 55.0896



73.5600, -5.2061, 130.1819

Previews

White Background



This preview shows how the YUV color 23.5680, -1.2660, 32.8279 looks on a white background.

Color Contrast Check

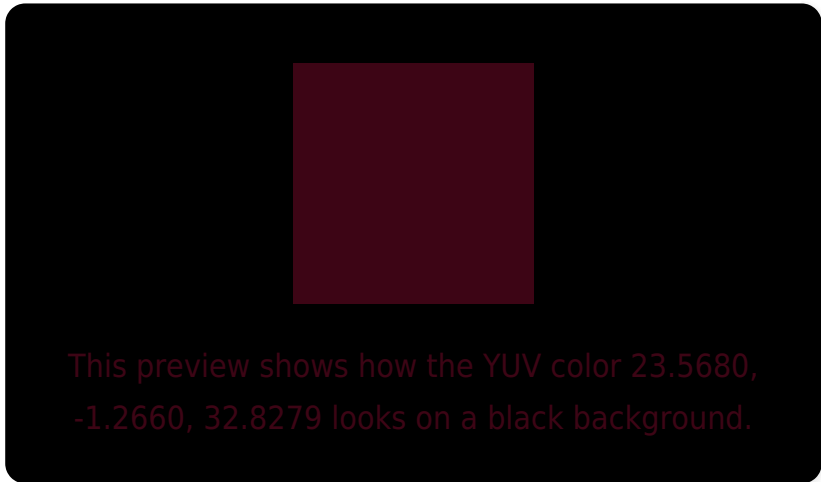
Large Text (above 18pt) WCAG AA ✓ Pass

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

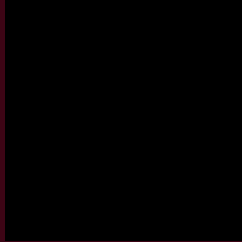
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 23.5680, -1.2660, 32.8279

Background



This preview shows how black text looks on a background with the YUV color 23.5680, -1.2660, 32.8279.



This preview shows how white text looks on a background with the YUV color 23.5680, -1.2660,

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

23.5680, -1.2660, 32.8279

Protanopia

31.2990, -0.1474, 0.6148

Deuteranopia

31.0240, -6.4208, 6.1180



Tritanopia

24.5480, -7.6652, 31.9684

Trichromacy



Original Color

23.5680, -1.2660, 32.8279

Protanomaly

28.8490, -0.9116, 12.4104

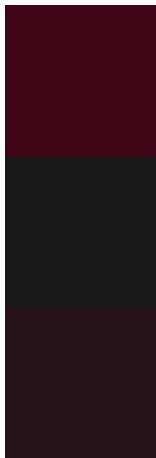
Deuteranomaly

28.2470, -4.5588, 15.5694

Tritanomaly

24.4170, -5.6286, 32.0833

Monochromacy



Original Color

23.5680, -1.2660, 32.8279

Achromatopsia

24.0000, 0.0000, 0.0000

Achromatomaly

23.6640, -0.3274, 11.6957

CSS Examples

Text

The CSS property to change the color of the text to YUV 23.5680, -1.2660, 32.8279 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(61, 5, 21)` looks like.

```
.text, #text, p{  
    color:rgb(61, 5, 21)  
}
```

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(61, 5, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 5, 21) }
```

Border

The CSS property to change the border of an element to YUV 23.5680, -1.2660, 32.8279 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(61, 5, 21) }
```


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

```
.border{ border-color:rgb(61, 5, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 5, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 5, 21); -webkit-box-shadow:4px  
4px 4px 4px rgb(61, 5, 21); box-shadow:4px  
4px 4px 4px rgb(61, 5, 21) }
```

Background

The CSS property to change the background color of an element to YUV 23.5680, -1.2660, 32.8279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 5, 21) }
```

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

```
.background{ background-color: rgb(61, 5,  
21) }
```

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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