

Converting Colors

YUV(23.2850, -2.1125, 24.3061)

Have a look what the booklet for
YUV(23.2850, -2.1125, 24.3061)
contains.

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Color

**YUV(23.2850, -2.1125,
24.3061)**

Conversions

Conversions Part 1

Format	Color
Hex	330A13
RGB	51, 10, 19
RGB Percent	20%, 4%, 7%
CMY	0.8000, 0.9608, 0.9255
CMYK	0.00, 0.80, 0.63, 0.80
HSL	347°, 67%, 12%
HSV	347°, 80%, 20%
XYZ	1.5913, 0.9679, 0.7190
YIQ	23.2850, 21.5470, 11.4910

Conversions

Conversions Part 2

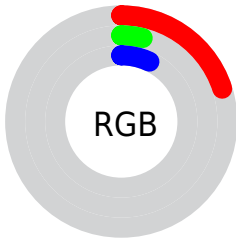
Format	Color
R_{YB}	51, 10, 19
Decimal	3344915
CIE Lab	8.72, 21.35, 4.75
CIE LCh	9, 21.877, 12.545
Yxy	0.9679, 0.4854, 0.2952
Android (android.graphics.Color)	4281534995 (0xFF330A13)
YUV	23.2850, -2.1125, 24.3061
Hunter-Lab	9.8382, 11.6553, 2.5534

Details

The YUV color **23.2850, -2.1125, 24.3061** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **37.7150, 2.1125, -24.3061**, and the grayscale version is **23.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **68.5520, -3.7231, 27.5799**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **19.8940, -2.4127, 27.2800**, and if you desaturate by 10%, it is **26.6760, -1.8123, 21.3321**.

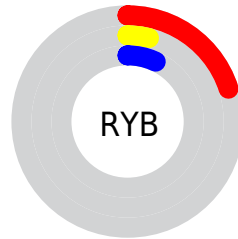
Distribution



Red (20%)

Green (4%)

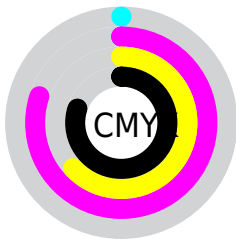
Blue (7%)



Red (20%)

Yellow (4%)

Blue (7%)

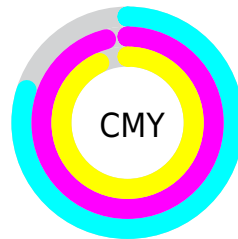


Cyan (0%)

Magenta (80%)

Yellow (63%)

Black (80%)



Cyan (80%)

Magenta (96%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 23.2850, -2.1125, 24.3061 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 23.2850, -2.1125, 24.3061 by changing the saturation by 10% instead.

■ 23.2850, -2.1125,
24.3061

■ 23.2850, -2.1125,
24.3061

■ 243.0660, -0.0325,
10.4661

■ 8.7850, -3.8380,
17.7286

■ 68.5520, -3.7231,
27.5799

■ 0.0000, 0.0000,
0.0000

■ 93.0360, -4.4547,
28.9094


■ 118.0470, -4.4602,
30.6538


■ 143.6450, -4.7550,
31.8833


■ 170.8300, -5.3392,
32.5981


■ 198.4280, -5.6340,


33.8276


 222.8510, -3.8705,
28.1947


 23.2850, -2.1125,
24.3061


 23.2850, -2.1125,
24.3061


 19.8940, -2.4127,
27.2800


 26.6760, -1.8123,
21.3321

 16.5030, -2.7130,
30.2539

 30.0670, -1.5120,
18.3582

 33.4580, -1.2118,
15.3843

 36.8490, -0.9116,
12.4104

 40.8270, -0.9007,
8.9217

■ 44.2180, -0.6005,
5.9478

■ 47.6090, -0.3002,
2.9739

■ 51.0000, 0.0000,
0.0000

■ 54.3910, 0.3002,
-2.9739

Harmonies

Analogous

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



24.9730, 4.4503, 19.3177



23.2850, -2.1125, 24.3061



22.8690, -11.2744, 22.9169

Triad

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



23.2850, -2.1125, 24.3061



20.6000, -10.1558, -9.2962



23.0650, 14.7580, -20.2280

Complementary

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



23.2850, -2.1125, 24.3061



37.7150, 2.1125, -24.3061

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.



23.8000, 9.9586, -20.8726



23.2850, -2.1125, 24.3061



20.3800, -3.1453, -17.8733

Square

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



23.2850, -2.1125, 24.3061



23.3350, -11.5042, 3.2142



22.9050, 3.9908, -20.0877



22.0270, 15.7627, -15.8097

Rectangle

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



23.2850, -2.1125, 24.3061



24.0100, -11.8369, 16.6542



22.9050, 3.9908, -20.0877



23.4240, 13.5950, -20.5428

Sweetspot

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



23.2850, -2.1125, 24.3061



55.2400, -0.6113, 9.4365



23.9430, 13.3391, 14.9590



26.9190, -0.4531, 5.3330



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.



23.2850, -2.1125, 24.3061



23.4330, -3.1715, 37.3313



28.7160, -9.2270, 19.5431



24.0110, -0.0054, 1.7444



28.8910, -4.3833, 52.7156



70.3550, -11.0210, 128.6077

Inverse Universe

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



23.2850, -2.1125, 24.3061



23.4330, -3.1715, 37.3313



32.2840, 9.2270, -19.5431



24.0110, -0.0054, 1.7444



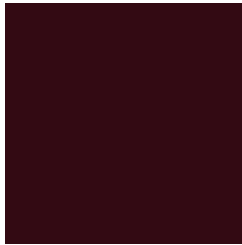
28.8910, -4.3833, 52.7156



70.3550, -11.0210, 128.6077

Previews

White Background



This preview shows how the YUV color 23.2850, -2.1125, 24.3061 looks on a white background.

Color Contrast Check

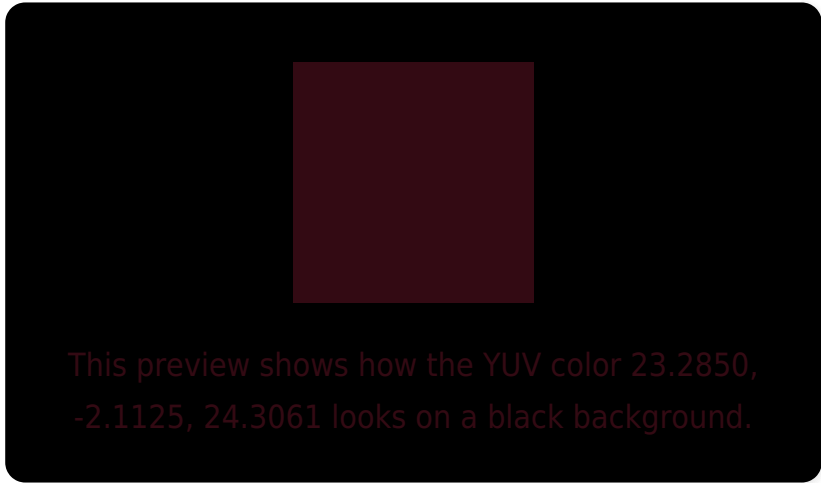
Large Text (above 18pt) WCAG AA ✓ Pass

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

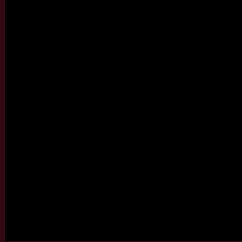
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 23.2850, -2.1125, 24.3061

Background



This preview shows how black text looks on a background with the YUV color 23.2850, -2.1125, 24.3061.

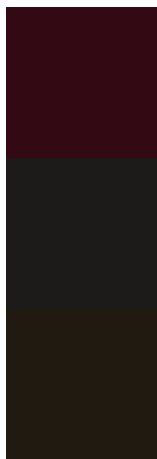


This preview shows how white text looks on a background with the YUV color 23.2850, -2.1125,

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

23.2850, -2.1125, 24.3061

Protanopia

27.1850, -0.5842, 0.7148

Deuteranopia

27.0670, -4.9630, 5.2032



Tritanopia

23.6610, -5.7489, 23.9763

Trichromacy



Original Color

23.2850, -2.1125, 24.3061

Protanomaly

25.7130, -1.3375, 9.0217

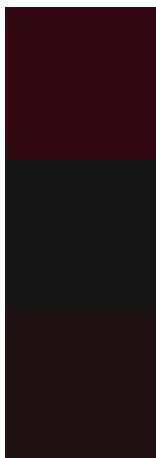
Deuteranomaly

25.7520, -3.8217, 12.4955

Tritanomaly

23.4160, -4.1491, 24.1912

Monochromacy



Original Color

23.2850, -2.1125, 24.3061

Achromatopsia

23.0000, 0.0000, 0.0000

Achromatomaly

22.9410, -0.4639, 8.8217

CSS Examples

Text

The CSS property to change the color of the text to YUV 23.2850, -2.1125, 24.3061 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(51, 10, 19)` looks like.

```
.text, #text, p{  
    color:rgb(51, 10, 19)  
}
```

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(51, 10, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 10, 19) }
```

Border

The CSS property to change the border of an element to YUV 23.2850, -2.1125, 24.3061 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(51, 10, 19) }
```


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

```
.border{ border-color:rgb(51, 10, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 10, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 10, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 10, 19);  
box-shadow:4px 4px 4px 4px rgb(51, 10, 19)  
}
```

Background

The CSS property to change the background color of an element to YUV 23.2850, -2.1125, 24.3061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 10, 19) }
```

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

```
.background{ background-color: rgb(51, 10,  
19) }
```

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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