

Converting Colors

YIQ(23.6120, 16.9130, 29.4010)

Have a look what the booklet for
YIQ(23.6120, 16.9130, 29.4010)
contains.

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Color

**YIQ(23.6120, 16.9130,
29.4010)**

Conversions

Conversions Part 1

Format	Color
Hex	3A0037
RGB	58, 0, 55
RGB Percent	23%, 0%, 22%
CMY	0.7724, 1.0000, 0.7843
CMYK	0.00, 1.00, 0.05, 0.77
HSL	303°, 100%, 11%
HSV	303°, 100%, 23%
XYZ	2.4372, 1.1768, 3.7139
YIQ	23.6120, 16.9130, 29.4010

Conversions

Conversions Part 2

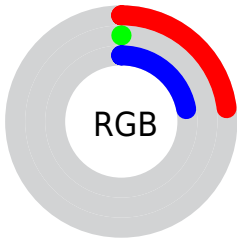
Format	Color
R_{YB}	58, 0, 55
Decimal	3801143
CIE _{Lab}	10.38, 33.71, -19.37
CIE _{LCh}	10, 38.883, 330.121
Yxy	1.1768, 0.3326, 0.1606
Android (android.graphics.Color)	4281991223 (0xFF3A0037)
YUV	23.6120, 15.4743, 30.1583
Hunter-Lab	10.8478, 21.1205, -12.7052

Details

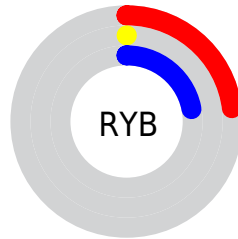
The YIQ color **23.6120, 16.9130, 29.4010** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **34.3880, -16.9130, -29.4010**, and the grayscale version is **23.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **73.2700, 17.8760, 28.4680**, and **0.7980, -2.2470, 2.1770** is the 20% darker color. If you saturate the color by 10%, you get **23.6120, 16.9130, 29.4010**, and if you desaturate by 10%, it is **27.1340, 15.2630, 26.2630**.

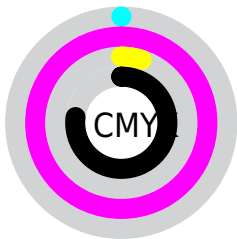
Distribution



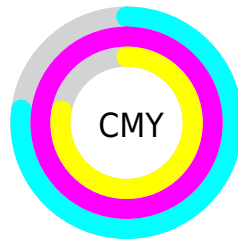
- Red (23%)
- Green (0%)
- Blue (22%)



- Red (23%)
- Yellow (0%)
- Blue (22%)



- Cyan (0%)
- Magenta (100%)
- Yellow (5%)
- Black (77%)



- Cyan (77%)
- Magenta (100%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 23.6120, 16.9130, 29.4010 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 YIQ color 23.6120, 16.9130, 29.4010 by changing the saturation by 10% instead.

■ 23.6120, 16.9130,
29.4010

■ 23.6120, 16.9130,
29.4010

■ 242.6730, 5.7750,
10.9830

■ 15.5370, 12.3300,
18.8420

■ 73.2700, 17.8760,
28.4680

■ 0.7980, -2.2470,
2.1770

■ 97.9820, 18.7470,
29.2030

■ 0.0000, 0.0000,
0.0000

■ 123.6940, 19.6180,
29.9380

■ 149.5200, 20.1680,
30.9840

■ 177.2320, 21.0390,
31.7190

■ 204.9440, 21.9100,

32.4540

■ 226.2370, 13.4750,
25.6270

■ 23.6120, 16.9130,
29.4010

■ 27.1340, 15.2630,
26.2630

■ 30.7700, 13.2920,
23.4360

■ 33.7050, 11.9170,
20.8210

■ 37.2270, 10.2670,
17.6830

■ 40.8630, 8.2960,
14.8560

■ 44.3850, 6.6460,
11.7180

■ 47.9070, 4.9960,
8.5800

■ 50.8420, 3.6210,
5.9650

■ 54.4780, 1.6500,
3.1380

Harmonies

Analogous

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



26.5580, -18.5260, 16.3700



23.6120, 16.9130, 29.4010



24.5350, 33.0070, 24.0710

Triad

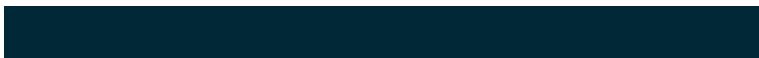
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



23.6120, 16.9130, 29.4010



26.9120, 14.6270, -6.2770



29.6360, -28.3340, -4.1260

Complementary

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



23.6120, 16.9130, 29.4010



34.3880, -16.9130, -29.4010

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.



26.6720, -19.9880, -12.2120



23.6120, 16.9130, 29.4010



21.7520, -5.7740, -16.5100

Square

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



23.6120, 16.9130, 29.4010



25.5490, 29.2510, 4.0270



22.3060, -10.4500, -19.8740



30.2690, -34.2500, 3.9740

Rectangle

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



23.6120, 16.9130, 29.4010



22.1410, 39.7480, 17.5400



22.3060, -10.4500, -19.8740



28.7240, -25.7660, -6.6140

Sweetspot

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



23.6120, 16.9130, 29.4010



63.2710, 6.9670, 11.4070



7.5090, -16.8300, 18.6740



29.7820, 3.8500, 7.3220



166.0000, -0.0000, 0.0000



38.0000, -0.0000, -0.0000

Same Dimension

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



23.6120, 16.9130, 29.4010



31.2310, 22.7800, 38.7160



20.3060, 26.2220, 20.3820



26.2390, 0.8250, 1.5690



37.4260, 26.9050, 46.5610



89.1930, 63.7560, 111.1160

Inverse Universe

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



23.6120, 16.9130, 29.4010



31.2310, 22.7800, 38.7160



37.6940, -26.2220, -20.3820



26.2390, 0.8250, 1.5690



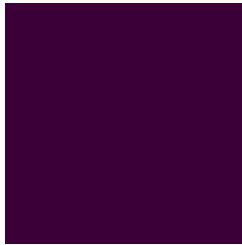
37.4260, 26.9050, 46.5610



89.1930, 63.7560, 111.1160

Previews

White Background



This preview shows how the YIQ color 23.6120, 16.9130, 29.4010 looks on a white background.

Color Contrast Check

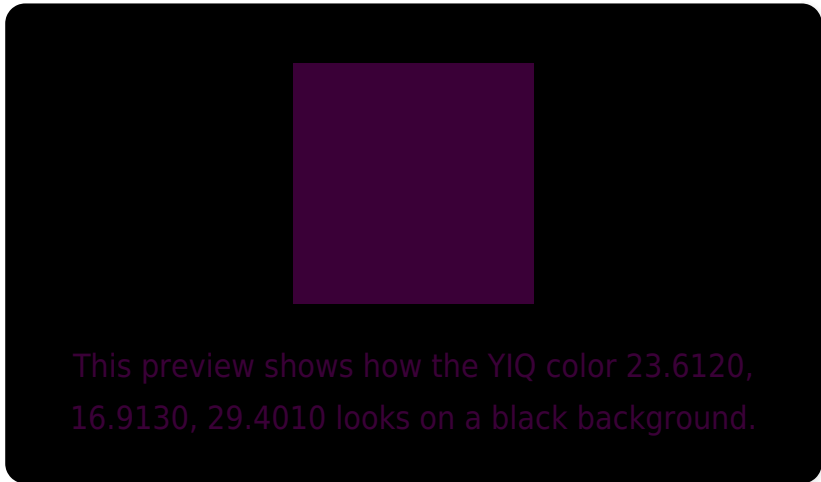
Large Text (above 18pt) WCAG AA ✓ Pass

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

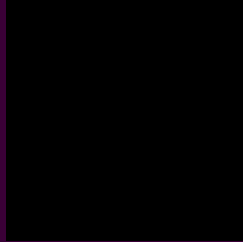
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 23.6120, 16.9130, 29.4010

Background



This preview shows how black text looks on a background with the YIQ color 23.6120, 16.9130, 29.4010.



This preview shows how white text looks on a background with the YIQ color 23.6120, 16.9130,

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

23.6120, 16.9130, 29.4010

Protanopia

26.4220, -30.3070, 4.1010

Deuteranopia

32.1760, -12.0590, 3.7890



Tritanopia

31.9810, 19.3470, 7.3070

Trichromacy



Original Color

23.6120, 16.9130, 29.4010

Protanomaly

25.2010, -13.2070, 13.5850

Deuteranomaly

29.1330, -1.3320, 13.1320

Tritanomaly

28.9520, 18.2910, 15.4350

Monochromacy



Original Color

23.6120, 16.9130, 29.4010

Achromatopsia

24.0000, -0.0000, 0.0000

Achromatomaly

23.5590, 6.0960, 10.6720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 23.6120, 16.9130, 29.4010 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(58, 0, 55)` looks like.

```
.text, #text, p{  
    color:rgb(58, 0, 55)  
}
```

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(58, 0, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 0, 55) }
```

Border

The CSS property to change the border of an element to YIQ 23.6120, 16.9130, 29.4010 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(58, 0, 55) }
```


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

```
.border{ border-color:rgb(58, 0, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 0, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 0, 55); -webkit-box-shadow:4px  
4px 4px 4px rgb(58, 0, 55); box-shadow:4px  
4px 4px 4px rgb(58, 0, 55) }
```

Background

The CSS property to change the background color of an element to YIQ 23.6120, 16.9130, 29.4010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 0, 55) }
```

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

```
.background{ background-color: rgb(58, 0,  
55) }
```

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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