

Converting Colors

YIQ(23.1180, 3.0240, 11.2800)

Have a look what the booklet for
YIQ(23.1180, 3.0240, 11.2800)
contains.

YIQ(23.1180, 3.0240, 11.2800)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(23.1180, 3.0240,
11.2800)**

Conversions

Conversions Part 1

Format	Color
Hex	210F27
RGB	33, 15, 39
RGB Percent	13%, 6%, 15%
CMY	0.8705, 0.9412, 0.8471
CMYK	0.15, 0.62, 0.00, 0.85
HSL	285°, 44%, 11%
HSV	285°, 62%, 15%
XYZ	1.1646, 0.8115, 2.0146
YIQ	23.1180, 3.0240, 11.2800

Conversions

Conversions Part 2

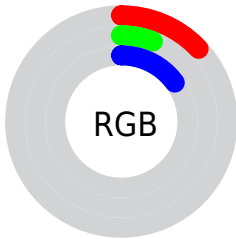
Format	Color
RYB	33, 15, 39
Decimal	2166567
CIELab	7.33, 14.71, -12.67
CIELCh	7, 19.415, 319.250
Yxy	0.8115, 0.2918, 0.2033
Android (android.graphics.Color)	4280356647 (0xFF210F27)
YUV	23.1180, 7.8298, 8.6665
Hunter-Lab	9.0082, 7.3117, -6.9536

Details

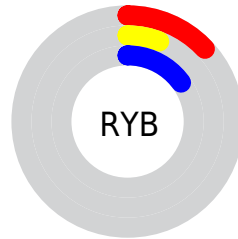
The YIQ color **23.1180, 3.0240, 11.2800** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **30.8820, -3.0240, -11.2800**, and the grayscale version is **23.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **66.3570, 3.8490, 12.8490**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **20.4710, 3.5280, 13.1600**, and if you desaturate by 10%, it is **25.7650, 2.5200, 9.4000**.

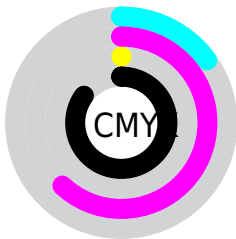
Distribution



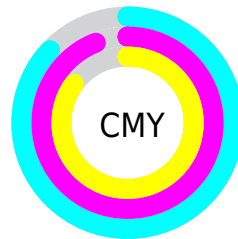
- Red (13%)
- Green (6%)
- Blue (15%)



- Red (13%)
- Yellow (6%)
- Blue (15%)



- Cyan (15%)
- Magenta (62%)
- Yellow (0%)
- Black (85%)



- Cyan (87%)
- Magenta (94%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 23.1180, 3.0240, 11.2800 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 23.1180, 3.0240, 11.2800 by changing the saturation by 10% instead.

■ 23.1180, 3.0240,
11.2800

■ 23.1180, 3.0240,
11.2800

■ 245.6080, 4.4000,
8.3680

■ 2.0520, -5.7780,
5.5980

■ 66.3570, 3.8490,
12.8490

■ 0.0000, 0.0000,
0.0000

■ 89.7700, 4.1240,
13.3720

■ 114.8840, 3.8030,
13.6830

■ 140.5960, 4.6740,
14.4180

■ 166.7100, 4.3530,
14.7290

■ 194.1230, 4.6280,

15.2520

■ 221.5360, 4.9030,
15.7750

■ 23.1180, 3.0240,
11.2800

■ 23.1180, 3.0240,
11.2800

■ 20.4710, 3.5280,
13.1600

■ 25.7650, 2.5200,
9.4000

■ 17.8240, 4.0320,
15.0400

■ 28.4120, 2.0160,
7.5200

■ 15.1770, 4.5360,
16.9200

■ 31.0590, 1.5120,
5.6400

■ 13.1170, 4.7650,
18.2770

■ 33.7060, 1.0080,
3.7600

■ 35.7660, 0.7790,
2.4030

■ 38.4130, 0.2750,
0.5230

■ 41.0600, -0.2290,
-1.3570

■ 43.7070, -0.7330,
-3.2370

■ 46.3540, -1.2370,
-5.1170

Harmonies

Analogous

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



21.4580, -12.7930, 6.0790



23.1180, 3.0240, 11.2800



21.8050, 14.2110, 12.2830

Triad

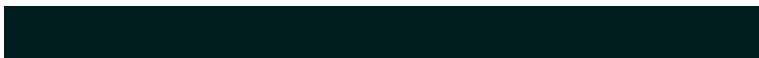
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



23.1180, 3.0240, 11.2800



21.6070, 14.1680, -3.4640



21.0300, -17.8800, -6.3600

Complementary

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



23.1180, 3.0240, 11.2800



30.8820, -3.0240, -11.2800

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.



18.8470, -13.1110, -10.1910



23.1180, 3.0240, 11.2800



20.3670, 5.9160, -8.1000

Square

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



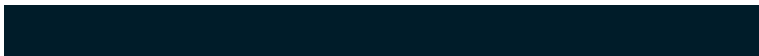
23.1180, 3.0240, 11.2800



20.7760, 21.1820, 1.5820



16.7460, -5.6370, -13.4850



21.1100, -20.8610, -1.8930

Rectangle

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



23.1180, 3.0240, 11.2800



20.7900, 18.5670, 10.4310



16.7460, -5.6370, -13.4850



20.5740, -16.5960, -7.6040

Sweetspot

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



23.1180, 3.0240, 11.2800



45.1190, 1.2830, 4.2830



21.2580, -9.3540, 4.3260



21.8800, 0.4580, 2.7140



153.0000, 0.0000, -0.0000



26.0000, -0.0000, -0.0000

Same Dimension

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



23.1180, 3.0240, 11.2800



26.0030, 5.0860, 17.9660



24.2280, 8.5260, 10.6860



18.8260, 0.5500, 1.0460



28.4130, 10.5840, 39.4800



71.7090, 26.7120, 99.6400

Inverse Universe

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



22.8600, 12.3780, 6.9540



25.5020, 19.4380, 11.1660



29.7720, -8.5260, -10.6860



18.7120, 0.8710, 0.7350



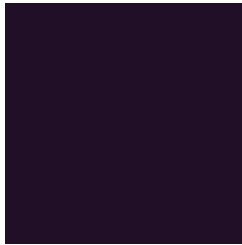
27.5100, 43.3230, 24.3390



69.4300, 109.3390, 61.4270

Previews

White Background



This preview shows how the YIQ color 23.1180, 3.0240, 11.2800 looks on a white background.

Color Contrast Check

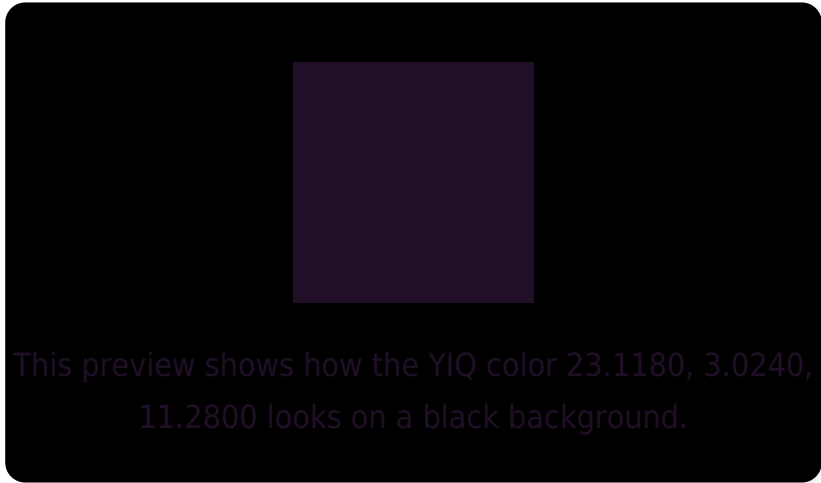
Large Text (above 18pt) WCAG AA ✓ Pass

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

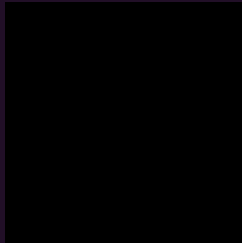
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 23.1180, 3.0240, 11.2800

Background



This preview shows how black text looks on a background with the YIQ color 23.1180, 3.0240, 11.2800.



This preview shows how white text looks on a background with the YIQ color 23.1180, 3.0240,

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

23.1180, 3.0240, 11.2800

Protanopia

19.9520, -17.2400, 4.0720

Deuteranopia

22.0190, -10.1790, 2.7570



Tritanopia

23.2180, 5.3180, 2.7420

Trichromacy



Original Color

23.1180, 3.0240, 11.2800

Protanomaly

20.8390, -9.4920, 6.8280

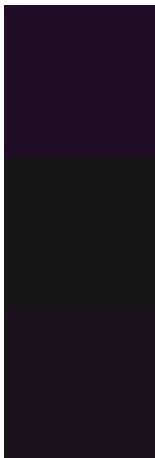
Deuteranomaly

22.3510, -5.1820, 5.8100

Tritanomaly

23.0270, 4.5380, 5.8660

Monochromacy



Original Color

23.1180, 3.0240, 11.2800

Achromatopsia

23.0000, 0.0000, -0.0000

Achromatomaly

23.1190, 1.2830, 4.2830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 23.1180, 3.0240, 11.2800 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(33, 15, 39)` looks like.

```
.text, #text, p{  
    color:rgb(33, 15, 39)  
}
```

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(33, 15, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 15, 39) }
```

Border

The CSS property to change the border of an element to YIQ 23.1180, 3.0240, 11.2800 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(33, 15, 39) }
```


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

```
.border{ border-color:rgb(33, 15, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 15, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 15, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 15, 39);  
box-shadow:4px 4px 4px 4px rgb(33, 15, 39)  
}
```

Background

The CSS property to change the background color of an element to YIQ 23.1180, 3.0240, 11.2800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 15, 39) }
```

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

```
.background{ background-color: rgb(33, 15,  
39) }
```

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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