

Converting Colors

YIQ(23.1360, -30.6360, 48.6280)

Have a look what the booklet for
YIQ(23.1360, -30.6360, 48.6280)
contains.

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Color

**YIQ(23.1360, -30.6360,
48.6280)**

Conversions

Conversions Part 1

Format	Color
Hex	18008C
RGB	24, 0, 140
RGB Percent	9%, 0%, 55%
CMY	0.9057, 1.0000, 0.4512
CMYK	0.83, 1.00, 0.00, 0.45
HSL	250°, 100%, 27%
HSV	250°, 100%, 55%
XYZ	5.1069, 2.0864, 24.9218
YIQ	23.1360, -30.6360, 48.6280

Conversions

Conversions Part 2

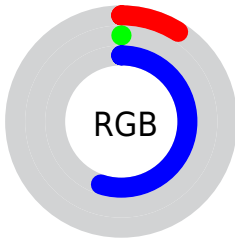
Format	Color
R_{YB}	24, 0, 140
Decimal	1573004
CIE Lab	15.93, 51.03, -67.28
CIE LCh	16, 84.442, 307.176
Yxy	2.0864, 0.1590, 0.0650
Android (android.graphics.Color)	4279763084 (0xFF18008C)
YUV	23.1360, 57.6140, 0.7577
Hunter-Lab	14.4442, 37.8325, -92.1869

Details

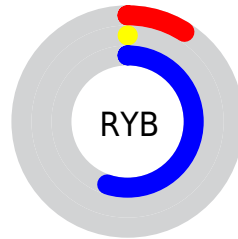
The YIQ color **23.1360, -30.6360, 48.6280** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **116.8640, 30.6360, -48.6280**, and the grayscale version is **23.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **82.0340, -21.4210, 52.3310**, and **10.0320, -28.2480, 27.3680** is the 20% darker color. If you saturate the color by 10%, you get **23.1360, -30.6360, 48.6280**, and if you desaturate by 10%, it is **34.9420, -27.3340, 43.8500**.

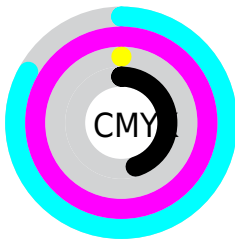
Distribution



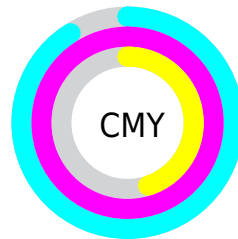
- Red (9%)
- Green (0%)
- Blue (55%)



- Red (9%)
- Yellow (0%)
- Blue (55%)



- Cyan (83%)
- Magenta (100%)
- Yellow (0%)
- Black (45%)



- Cyan (91%)
- Magenta (100%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 23.1360, -30.6360, 48.6280 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 23.1360, -30.6360, 48.6280 by changing the saturation by 10% instead.

■ 23.1360, -30.6360,
48.6280

■ 23.1360, -30.6360,
48.6280

■ 247.3690, 3.5750,
6.7990

■ 12.9960, -36.5940,
35.4540

■ 82.0340, -21.4210,
52.3310

■ 10.0320, -28.2480,
27.3680

■ 108.8710,
-19.4040, 54.3240

■ 11.4050, -22.4690,
16.2430

■ 136.2240,
-18.9000, 56.2040

■ 6.4350, -13.9860,
11.1820

■ 160.3850, -9.4080,
49.3760

■ 2.7530, -6.3740,
5.3860

■ 184.6170, 1.3220,
42.1380

■ 0.0000, 0.0000,
0.0000

■ 210.0230, 11.5020,

33.8540

■ 230.3460, 11.5500,
21.9660

■ 23.1360, -30.6360,
48.6280

■ 34.9420, -27.3340,
43.8500

■ 46.4490, -24.6280,
38.8600

■ 58.2550, -21.3260,
34.0820

■ 69.7620, -18.6200,
29.0920

■ 81.5680, -15.3180,
24.3140

■ 93.3740, -12.0160,
19.5360

■ 104.8810, -9.3100,
14.5460

■ 116.6870, -6.0080,
9.7680

■ 128.1940, -3.3020,
4.7780

Harmonies

Analogous

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



47.6870, -66.7610, 25.9990



23.1360, -30.6360, 48.6280



44.1180, 39.6960, 51.5360

Triad

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



23.1360, -30.6360, 48.6280



30.6980, 48.1850, 13.3130



39.6150, -33.0090, -13.0170

Complementary

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



23.1360, -30.6360, 48.6280



116.8640, 30.6360, -48.6280

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.



32.8720, -15.4000, -29.2880



23.1360, -30.6360, 48.6280



36.3040, 10.2270, -14.6450

Square

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



23.1360, -30.6360, 48.6280



35.2820, 70.3280, 25.0160



30.5240, -14.3000, -27.1960



48.2160, -53.0940, 4.0740

Rectangle

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



23.1360, -30.6360, 48.6280



44.4560, 61.7510, 42.7990



30.5240, -14.3000, -27.1960



36.5200, -25.6720, -19.3360

Sweetspot

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



23.1360, -30.6360, 48.6280



135.8470, -11.9700, 18.7020



84.6390, -77.1150, -17.6510



64.2570, -7.6130, 11.3230



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



23.1360, -30.6360, 48.6280



29.9030, -39.6250, 62.8630



43.7670, 10.4880, 63.2560



63.0970, -1.6510, 2.3890



22.0390, -28.9850, 46.2390



0.8690, -1.0090, 1.7670

Inverse Universe

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



55.0840, 46.2040, 65.7560



71.2190, 59.7260, 85.0220



96.2330, -10.4880, -63.2560



64.7770, 2.2460, 3.3500



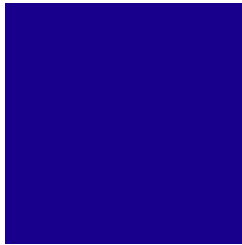
52.3070, 43.9580, 62.4060



1.9510, 1.6960, 2.3040

Previews

White Background



This preview shows how the YIQ color 23.1360, -30.6360, 48.6280 looks on a white background.

Color Contrast Check

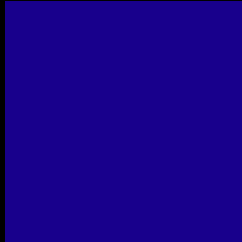
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YIQ color 23.1360, -30.6360, 48.6280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

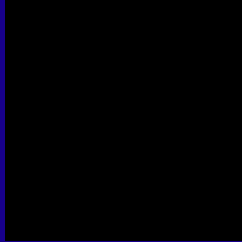
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 23.1360, -30.6360, 48.6280

Background



This preview shows how black text looks on a background with the YIQ color 23.1360, -30.6360, 48.6280.



This preview shows how white text looks on a background with the YIQ color 23.1360, -30.6360,

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

23.1360, -30.6360, 48.6280

Protanopia

34.6860, -39.7980, 5.4020

Deuteranopia

34.9650, -36.4500, -0.2100



Tritanopia

33.9900, -29.5710, -9.2430

Trichromacy



Original Color

23.1360, -30.6360, 48.6280

Protanomaly

30.7380, -36.4080, 21.0640

Deuteranomaly

31.0000, -34.3900, 17.5300

Tritanomaly

30.3500, -29.8040, 11.5080

Monochromacy



Original Color

23.1360, -30.6360, 48.6280

Achromatopsia

23.0000, 0.0000, -0.0000

Achromatomaly

23.2060, -11.6030, 17.5570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 23.1360, -30.6360, 48.6280 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, 0, 140)` looks like.

```
.text, #text, p{  
    color:rgb(24, 0, 140)  
}
```

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, 0, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 0, 140) }
```

Border

The CSS property to change the border of an element to YIQ 23.1360, -30.6360, 48.6280 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, 0, 140) }
```


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

```
.border{ border-color:rgb(24, 0, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 0, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 0, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 0, 140);  
box-shadow:4px 4px 4px 4px rgb(24, 0, 140)  
}
```

Background

The CSS property to change the background color of an element to YIQ 23.1360, -30.6360, 48.6280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 0, 140) }
```

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

```
.background{ background-color: rgb(24, 0,  
140) }
```

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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