

Converting Colors

YIQ(23.4360, -14.5860, 33.0780)

Have a look what the booklet for
YIQ(23.4360, -14.5860, 33.0780)
contains.

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Color

**YIQ(23.4360, -14.5860,
33.0780)**

Conversions

Conversions Part 1

Format	Color
Hex	1E0660
RGB	30, 6, 96
RGB Percent	12%, 2%, 38%
CMY	0.8822, 0.9765, 0.6237
CMYK	0.69, 0.94, 0.00, 0.62
HSL	256°, 88%, 20%
HSV	256°, 94%, 38%
XYZ	2.7111, 1.2504, 11.1569
YIQ	23.4360, -14.5860, 33.0780

Conversions

Conversions Part 2

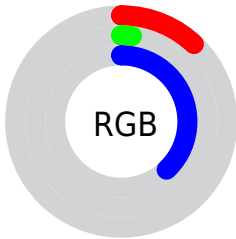
Format	Color
R_{YB}	30, 6, 96
Decimal	1967712
CIE _{Lab}	10.92, 36.72, -47.17
CIE _{LCh}	11, 59.775, 307.899
Yxy	1.2504, 0.1793, 0.0827
Android (android.graphics.Color)	4280157792 (0xFF1E0660)
YUV	23.4360, 35.7741, 5.7566
Hunter-Lab	11.1822, 23.7081, -51.3285

Details

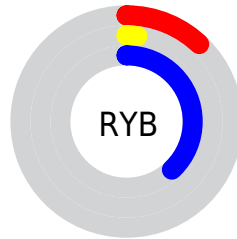
The YIQ color **23.4360, -14.5860, 33.0780** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **78.5640, 14.5860, -33.0780**, and the grayscale version is **23.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **73.6970, -10.8270, 36.5410**, and **7.8200, -16.5080, 12.8360** is the 20% darker color. If you saturate the color by 10%, you get **18.7180, -15.3200, 35.3680**, and if you desaturate by 10%, it is **31.3990, -13.1640, 29.3320**.

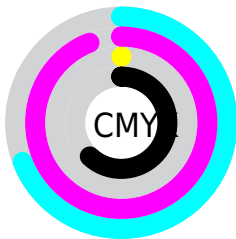
Distribution



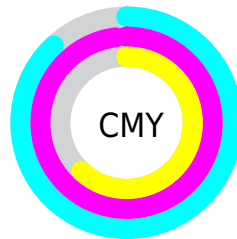
- Red (12%)
- Green (2%)
- Blue (38%)



- Red (12%)
- Yellow (2%)
- Blue (38%)



- Cyan (69%)
- Magenta (94%)
- Yellow (0%)
- Black (62%)



- Cyan (88%)
- Magenta (98%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 23.4360, -14.5860, 33.0780 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 23.4360, -14.5860, 33.0780 by changing the saturation by 10% instead.

■ 23.4360, -14.5860,
33.0780

■ 23.4360, -14.5860,
33.0780

■ 244.4340, 4.9500,
9.4140

■ 8.8060, -21.9200,
22.8160

■ 73.6970, -10.8270,
36.5410

■ 7.8200, -16.5080,
12.8360

■ 98.6370, -10.5980,
37.8980

■ 3.5510, -8.6210,
7.5630

■ 124.1750, -9.1770,
39.6790


■ 0.0000, 0.0000,
0.0000


■ 150.8160, -9.5440,
40.8240


■ 177.4850, -7.1140,
40.8380


■ 201.7060, 2.1490,


32.6530


 227.1120, 12.3290,
24.3690


 23.4360, -14.5860,
33.0780


 23.4360, -14.5860,
33.0780


 18.7180, -15.3200,
35.3680

 31.3990, -13.1640,
29.3320

 38.7750, -11.4670,
26.1090

 46.7380, -10.0450,
22.3630

 54.1140, -8.3480,
19.1400

 62.0770, -6.9260,
15.3940

■ 70.0400, -5.5040,
11.6480

■ 77.4160, -3.8070,
8.4250

■ 85.3790, -2.3850,
4.6790

■ 92.7550, -0.6880,
1.4560

Harmonies

Analogous

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



32.9540, -45.9440, 17.6720



23.4360, -14.5860, 33.0780



31.1730, 28.6950, 36.1430

Triad

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



23.4360, -14.5860, 33.0780



25.8700, 32.7810, 6.1330



29.8010, -24.6650, -10.0490

Complementary

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



23.4360, -14.5860, 33.0780



78.5640, 14.5860, -33.0780

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.



24.6540, -11.5500, -21.9660



23.4360, -14.5860, 33.0780



27.1560, 7.8880, -10.8000

Square

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



23.4360, -14.5860, 33.0780



25.1160, 50.0640, 17.8080



23.4800, -11.0000, -20.9200



35.5350, -38.0550, 1.3450

Rectangle

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



23.4360, -14.5860, 33.0780



31.3840, 43.9180, 30.0780



23.4800, -11.0000, -20.9200



28.0910, -19.8500, -14.7140

Sweetspot

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



23.4360, -14.5860, 33.0780



96.6810, -5.8710, 12.7930



55.0020, -47.0400, -6.5280



46.3020, -3.4860, 8.1140



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



23.4360, -14.5860, 33.0780



24.1170, -20.4570, 45.8710



36.8910, 12.2340, 42.6180



44.7550, -0.6880, 1.4560



21.7380, -18.0720, 41.1920



46.4960, -38.8960, 88.2080

Inverse Universe

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



40.4340, 32.4540, 39.6060



47.8630, 44.9680, 55.1120



65.1090, -12.2340, -42.6180



45.5380, 1.4210, 1.7810



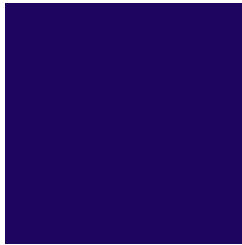
42.8360, 40.4300, 49.2460



91.8240, 86.5440, 105.6160

Previews

White Background



This preview shows how the YIQ color 23.4360, -14.5860, 33.0780 looks on a white background.

Color Contrast Check

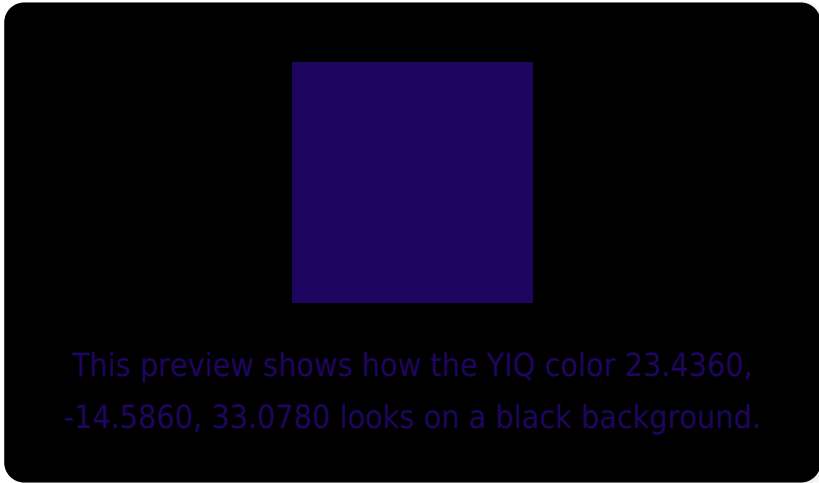
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.4360, -14.5860, 33.0780

Background



This preview shows how black text looks on a background with the YIQ color 23.4360, -14.5860, 33.0780.



This preview shows how white text looks on a background with the YIQ color 23.4360, -14.5860,

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

23.4360, -14.5860, 33.0780

Protanopia

25.6070, -29.3900, 4.0020

Deuteranopia

25.7550, -27.0510, 0.1570



Tritanopia

25.4640, -22.0980, -7.0100

Trichromacy



Original Color

23.4360, -14.5860, 33.0780

Protanomaly

24.8670, -23.8900, 14.4620

Deuteranomaly

24.8840, -22.5600, 12.3840

Tritanomaly

24.6900, -19.2580, 7.6060

Monochromacy



Original Color

23.4360, -14.5860, 33.0780

Achromatopsia

23.0000, 0.0000, -0.0000

Achromatomaly

23.4530, -5.2290, 12.1710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 23.4360, -14.5860, 33.0780 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(30, 6, 96)` looks like.

```
.text, #text, p{  
    color:rgb(30, 6, 96)  
}
```

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(30, 6, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 6, 96) }
```

Border

The CSS property to change the border of an element to YIQ 23.4360, -14.5860, 33.0780 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(30, 6, 96) }
```


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

```
.border{ border-color:rgb(30, 6, 96) }
```

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

Here you see how a box with a 4 pixel rgb(30, 6, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 6, 96); -webkit-box-shadow:4px  
4px 4px 4px rgb(30, 6, 96); box-shadow:4px  
4px 4px 4px rgb(30, 6, 96) }
```

Background

The CSS property to change the background color of an element to YIQ 23.4360, -14.5860, 33.0780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 6, 96) }
```

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

```
.background{ background-color: rgb(30, 6,  
96) }
```

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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