

Converting Colors

YIQ(100.0360, -44.3800,
-10.6840)

Have a look what the booklet for
YIQ(100.0360, -44.3800, -10.6840)
contains.

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Color

**YIQ(100.0360, -44.3800,
-10.6840)**

Conversions

Conversions Part 1

Format	Color
Hex	337783
RGB	51, 119, 131
RGB Percent	20%, 47%, 51%
CMY	0.8001, 0.5332, 0.4865
CMYK	0.61, 0.09, 0.00, 0.49
HSL	189°, 44%, 36%
HSV	189°, 61%, 51%
XYZ	12.0570, 15.5407, 23.8201
YIQ	100.0360, -44.3800, -10.6840

Conversions

Conversions Part 2

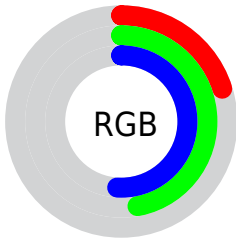
Format	Color
RYB	51, 88, 131
Decimal	3372931
CIELab	46.37, -17.59, -12.98
CIELCh	46, 21.862, 216.431
Yxy	15.5407, 0.2345, 0.3022
Android (android.graphics.Color)	4281563011 (0xFF337783)
YUV	100.0360, 15.2653, -43.0046
Hunter-Lab	39.4216, -14.3941, -8.2302




Details

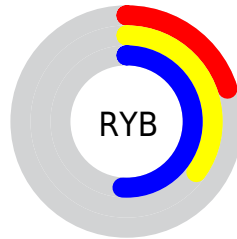
The YIQ color **100.0360, -44.3800, -10.6840** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **81.9640, 44.3800, 10.6840**, and the grayscale version is **100.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **153.0470, -42.9130, -9.7370**, and **50.4380, -45.5720, -11.1080** is the 20% darker color. If you saturate the color by 10%, you get **94.9750, -51.5780, -12.3940**, and if you desaturate by 10%, it is **105.0970, -37.1820, -8.9740**.

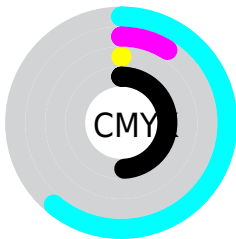
Distribution







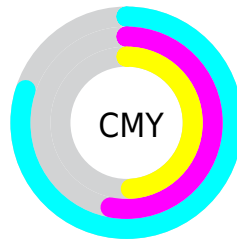
-  Red (20%)
-  Green (47%)
-  Blue (51%)






-  Red (20%)
-  Yellow (35%)
-  Blue (51%)



-  Cyan (61%)
-  Magenta (9%)
-  Yellow (0%)
-  Black (49%)



-  Cyan (80%)
-  Magenta (53%)
-  Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 100.0360, -44.3800, -10.6840 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 100.0360, -44.3800, -10.6840 by changing the saturation by 10% instead.

■ 100.0360,
-44.3800, -10.6840

■ 100.0360,
-44.3800, -10.6840

■ 255.0000, -0.0000,
-0.0000

■ 72.6440, -49.1480,
-12.3800

■ 153.0470,
-42.9130, -9.7370

■ 50.4380, -45.5720,
-11.1080

■ 180.7480,
-43.5090, -9.9490

■ 34.9020, -32.1390,
-6.7550

■ 208.7480,
-43.5090, -9.9490

■ 20.6540, -19.5770,
-3.1370

■ 235.2660,
-39.3360, -13.9920

■ 2.2970, -5.0900,
4.1420

■ 243.9370,
-22.0520, -7.8440

■ 0.0000, 0.0000,
0.0000

■ 252.6080, -4.7680,

-1.6960

■ 100.0360,
-44.3800, -10.6840

■ 100.0360,
-44.3800, -10.6840

■ 94.9750, -51.5780,
-12.3940

■ 105.0970,
-37.1820, -8.9740

■ 89.9140, -58.7760,
-14.1040

■ 110.1580,
-29.9840, -7.2640

■ 84.8530, -65.9740,
-15.8140

■ 115.2190,
-22.7860, -5.5540

■ 80.0910, -72.5760,
-17.3120

■ 120.2800,
-15.5880, -3.8440

■ 125.3410, -8.3900,
-2.1340

■ 130.7010, -0.5960,
-0.2120

■ 135.7620, 6.6020,
1.4980

■ 140.8230, 13.8000,
3.2080

■ 145.8840, 20.9980,
4.9180

Harmonies

Analogous

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



100.6640, -34.7050, -15.3210



100.0360, -44.3800, -10.6840



104.1280, -38.4670, -2.2030

Triad

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



100.0360, -44.3800, -10.6840



112.7390, 14.5770, 16.6650



108.4730, 17.2410, -9.5990

Complementary

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



100.0360, -44.3800, -10.6840



81.9640, 44.3800, 10.6840

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.



110.1910, 27.1430, -1.8250



100.0360, -44.3800, -10.6840



112.2040, 26.2690, 14.0210

Square

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



100.0360, -44.3800, -10.6840



112.1760, -2.8910, 13.8530



111.0270, 30.9010, 7.1650



106.2260, 1.6990, -14.2770

Rectangle

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



100.0360, -44.3800, -10.6840



107.2050, -28.1980, 4.4260



111.0270, 30.9010, 7.1650



109.0930, 21.3670, -7.2810

Sweetspot

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



100.0360, -44.3800, -10.6840



158.7960, -17.1010, -3.9570



99.2140, -25.5310, -38.4190



79.5580, -10.4990, -2.4590



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



100.0360, -44.3800, -10.6840



122.4720, -69.2750, -16.5630



77.1430, -33.6550, 9.7130



63.6190, -3.3010, -0.7490



79.9770, -72.2550, -17.6230



1.5160, -1.5130, -0.1130

Inverse Universe

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



82.6720, 25.8520, 38.1080



95.4590, 40.4740, 59.4660



104.8570, 33.6550, -9.7130



62.3640, 1.9710, 2.8270



51.5240, 41.8490, 62.0810



1.1250, 1.1460, 1.2580

Previews

White Background



This preview shows how the YIQ color 100.0360, -44.3800, -10.6840 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 × Fail

Black Background



This preview shows how the YIQ color 100.0360, -44.3800, -10.6840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

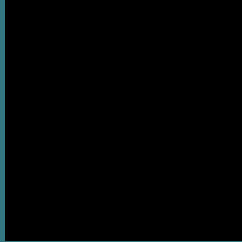
Any Text WCAG AA × Fail

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 100.0360, -44.3800, -10.6840 Background



This preview shows how black text looks on a background with the YIQ color 100.0360, -44.3800, -10.6840.



This preview shows how white text looks on a background with the YIQ color 100.0360, -44.3800, -10.6840.

-10.6840.

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

100.0360, -44.3800, -10.6840

Protanopia

109.5250, -5.7320, 4.7640

Deuteranopia

110.3770, -8.0710, 8.6090



Tritanopia

99.5090, -44.3340, -11.5180

Trichromacy



Original Color

100.0360, -44.3800, -10.6840

Protanomaly

106.2350, -19.7150, -0.6350

Deuteranomaly

106.3320, -21.3660, 1.7540

Tritanomaly

99.6230, -44.6550, -11.2070

Monochromacy



Original Color

100.0360, -44.3800, -10.6840

Achromatopsia

100.0000, -0.0000, -0.0000

Achromatomaly

99.9810, -16.1840, -4.0560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 100.0360, -44.3800, -10.6840 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, 119, 131)` looks like.

```
.text, #text, p{  
    color:rgb(51, 119, 131)  
}
```

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, 119, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 119, 131) }
```

Border

The CSS property to change the border of an element to YIQ 100.0360, -44.3800, -10.6840 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, 119, 131) }
```


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

```
.border{ border-color:rgb(51, 119, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 119, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 119, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 119, 131);  
box-shadow:4px 4px 4px 4px rgb(51, 119,  
131) }
```

Background

The CSS property to change the background color of an element to YIQ 100.0360, -44.3800, -10.6840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 119, 131) }
```

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

```
.background{ background-color: rgb(51, 119,  
131) }
```

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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