

Converting Colors

YIQ(96.3320, -30.5340, -8.3100)

Have a look what the booklet for
YIQ(96.3320, -30.5340, -8.3100)
contains.

YIQ(96.3320, -30.5340, -8.3100)	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(96.3320, -30.5340,
-8.3100)**

Conversions

Conversions Part 1

Format	Color
Hex	3E6E74
RGB	62, 110, 116
RGB Percent	24%, 43%, 45%
CMY	0.7570, 0.5685, 0.5452
CMYK	0.47, 0.05, 0.00, 0.55
HSL	187°, 30%, 35%
HSV	187°, 47%, 45%
XYZ	10.7135, 13.4396, 18.5427
YIQ	96.3320, -30.5340, -8.3100

Conversions

Conversions Part 2

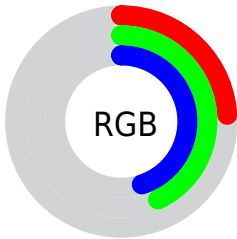
Format	Color
RYB	62, 87, 116
Decimal	4091508
CIELab	43.42, -14.59, -8.41
CIElCh	43, 16.838, 209.975
Yxy	13.4396, 0.2509, 0.3148
Android (android.graphics.Color)	4282281588 (0xFF3E6E74)
YUV	96.3320, 9.6963, -30.1092
Hunter-Lab	36.6601, -11.9908, -4.3267

Details

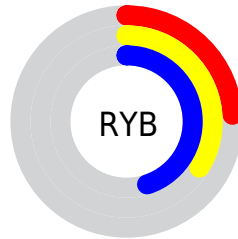
The YIQ color **96.3320, -30.5340, -8.3100** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **81.6680, 30.5340, 8.3100**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **148.0330, -31.1300, -8.5220**, and **45.9400, -35.3020, -10.0060** is the 20% darker color. If you saturate the color by 10%, you get **92.1570, -37.4110, -10.3310**, and if you desaturate by 10%, it is **100.5070, -23.6570, -6.2890**.

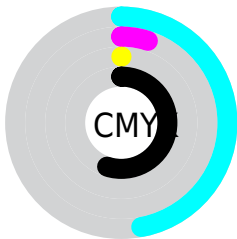
Distribution



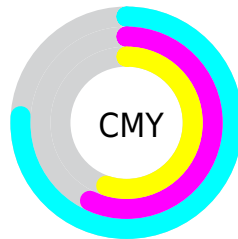
- Red (24%)
- Green (43%)
- Blue (45%)



- Red (24%)
- Yellow (34%)
- Blue (45%)



- Cyan (47%)
- Magenta (5%)
- Yellow (0%)
- Black (55%)



- Cyan (76%)
- Magenta (57%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 96.3320, -30.5340, -8.3100 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 96.3320, -30.5340, -8.3100 by changing the saturation by 10% instead.

96.3320, -30.5340,
-8.3100

96.3320, -30.5340,
-8.3100

255.0000, -0.0000,
-0.0000

71.6200, -31.4050,
-9.0450

148.0330,
-31.1300, -8.5220

45.9400, -35.3020,
-10.0060

175.0330,
-31.1300, -8.5220

28.7240, -25.7660,
-6.6140

202.7340,
-31.7260, -8.7340

15.1770, -13.8000,
-3.2080

230.8480,
-32.0470, -8.4230

0.0000, 0.0000,
0.0000

245.4320,
-19.0720, -6.7840

254.1030, -1.7880,

-0.6360

■ 96.3320, -30.5340,
-8.3100

■ 96.3320, -30.5340,
-8.3100

■ 92.1570, -37.4110,
-10.3310

■ 100.5070,
-23.6570, -6.2890

■ 87.6940, -43.4170,
-11.6170

■ 104.9700,
-17.6510, -5.0030

■ 83.5190, -50.2940,
-13.6380

■ 109.1450,
-10.7740, -2.9820

■ 79.6430, -56.5750,
-15.4470

■ 113.0210, -4.4930,
-1.1730

■ 75.4680, -63.4520,
-17.4680

■ 117.1960, 2.3840,
0.8480

■ 73.6850, -65.5610,
-17.7930

■ 121.9580, 8.9860,
2.3460

■ 125.8340, 15.2670,
4.1550

■ 130.0090, 22.1440,
6.1760

■ 134.4720, 28.1500,
7.4620

Harmonies

Analogous

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



96.5300, -22.4640, -11.3920



96.3320, -30.5340, -8.3100



98.3910, -29.0220, -2.6700

Triad

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



96.3320, -30.5340, -8.3100



105.2820, 8.4340, 12.3540



102.2110, 15.2230, -6.0650

Complementary

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



96.3320, -30.5340, -8.3100



81.6680, 30.5340, 8.3100

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.



103.3200, 22.4660, 0.3380



96.3320, -30.5340, -8.3100



105.2030, 18.8420, 10.9540

Square

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



96.3320, -30.5340, -8.3100



103.9860, -5.4120, 9.9800



103.9060, 23.9320, 6.8120



100.4160, 4.2200, -10.4040

Rectangle

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



96.3320, -30.5340, -8.3100



100.0760, -23.5210, 2.2630



103.9060, 23.9320, 6.8120



102.2330, 18.1570, -4.1710

Sweetspot

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



96.3320, -30.5340, -8.3100



142.5470, -11.9660, -3.4060



94.2680, -16.4550, -26.6870



71.6400, -7.7940, -1.9220



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



96.3320, -30.5340, -8.3100



119.6010, -47.5890, -13.1010



81.0700, -23.3840, 5.2880



56.6190, -3.3010, -0.7490



77.8910, -69.1370, -19.0650



158.8140, -141.3000, -38.3560

Inverse Universe

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



83.6180, 16.7760, 26.3760



99.6660, 25.9890, 41.1330



96.9300, 23.3840, -5.2880



55.3640, 1.9710, 2.8270



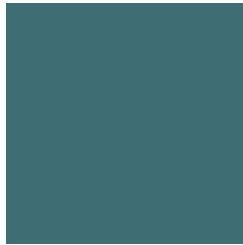
48.9040, 37.7230, 59.7630



100.0580, 77.7380, 122.0420

Previews

White Background



This preview shows how the YIQ color 96.3320, -30.5340, -8.3100 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 96.3320, -30.5340, -8.3100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

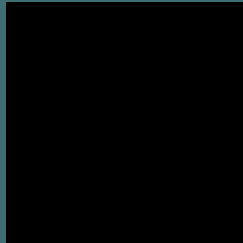
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 96.3320, -30.5340, -8.3100

Background



This preview shows how black text looks on a background with the YIQ color 96.3320, -30.5340, -8.3100.



This preview shows how white text looks on a background with the YIQ color 96.3320, -30.5340,

-8.3100.

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

96.3320, -30.5340, -8.3100

Protanopia

102.1400, -3.2100, 3.1100

Deuteranopia

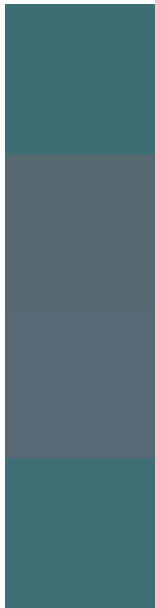
103.2480, -3.3940, 6.4460



Tritanopia

96.8590, -30.5800, -7.4760

Trichromacy



Original Color

96.3320, -30.5340, -8.3100

Protanomaly

99.9430, -13.0210, -0.8050

Deuteranomaly

100.9970, -13.1130, 0.8630

Tritanomaly

96.7450, -30.2590, -7.7870

Monochromacy



Original Color

96.3320, -30.5340, -8.3100

Achromatopsia

96.0000, -0.0000, 0.0000

Achromatomaly

96.1450, -10.7740, -2.9820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 96.3320, -30.5340, -8.3100 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(62, 110, 116)` looks like.

```
.text, #text, p{  
    color:rgb(62, 110, 116)  
}
```

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(62, 110, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 110, 116) }
```

Border

The CSS property to change the border of an element to YIQ 96.3320, -30.5340, -8.3100 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(62, 110, 116) }
```


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

```
.border{ border-color:rgb(62, 110, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 110, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 110, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 110, 116);  
box-shadow:4px 4px 4px 4px rgb(62, 110,  
116) }
```

Background

The CSS property to change the background color of an element to YIQ 96.3320, -30.5340, -8.3100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 110, 116) }
```

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

```
.background{ background-color: rgb(62, 110,  
116) }
```

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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