

# Converting Colors

YIQ(95.9620, -32.3680, -8.1120)

Have a look what the booklet for  
YIQ(95.9620, -32.3680, -8.1120)  
contains.

<b>YIQ(95.9620, -32.3680, -8.1120)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(95.9620, -32.3680,  
-8.1120)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3C6E76
RGB	60, 110, 118
RGB Percent	24%, 43%, 46%
CMY	0.7648, 0.5685, 0.5374
CMYK	0.49, 0.07, 0.00, 0.54
HSL	188°, 33%, 35%
HSV	188°, 49%, 46%
XYZ	10.7079, 13.4233, 19.1554
YIQ	95.9620, -32.3680, -8.1120

# Conversions

## Conversions Part 2

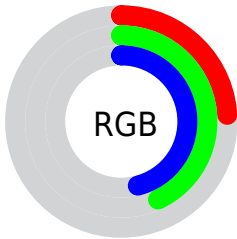
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	60, 87, 118
Decimal	3960438
CIE Lab	43.39, -14.52, -9.66
CIE LCh	43, 17.444, 213.634
Yxy	13.4233, 0.2474, 0.3101
Android (android.graphics.Color)	4282150518 (0xFF3C6E76)
YUV	95.9620, 10.8647, -31.5387
Hunter-Lab	36.6379, -11.9473, -5.3522

# Details

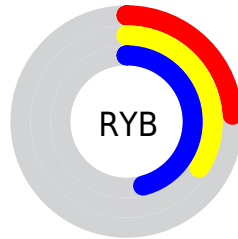
The YIQ color **95.9620, -32.3680, -8.1120** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **82.0380, 32.3680, 8.1120**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **147.9620, -32.3680, -8.1120**, and **44.6730, -38.9240, -10.4440** is the 20% darker color. If you saturate the color by 10%, you get **91.2000, -38.9700, -9.6100**, and if you desaturate by 10%, it is **100.7240, -25.7660, -6.6140**.

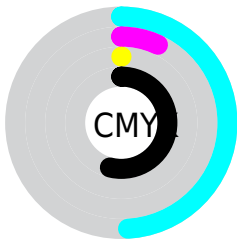
# Distribution



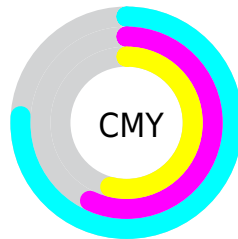
- Red (24%)
- Green (43%)
- Blue (46%)



- Red (24%)
- Yellow (34%)
- Blue (46%)



- Cyan (49%)
- Magenta (7%)
- Yellow (0%)
- Black (54%)



- Cyan (76%)
- Magenta (57%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 95.9620, -32.3680, -8.1120 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 95.9620, -32.3680, -8.1120 by changing the saturation by 10% instead.



95.9620, -32.3680,  
-8.1120

95.9620, -32.3680,  
-8.1120

255.0000, -0.0000,  
-0.0000

71.2500, -33.2390,  
-8.8470

147.9620,  
-32.3680, -8.1120

44.6730, -38.9240,  
-10.4440

174.6630,  
-32.9640, -8.3240

28.8380, -26.0870,  
-6.3030

202.3640,  
-33.5600, -8.5360

15.4050, -14.4420,  
-2.5860

230.4780,  
-33.8810, -8.2250

0.0000, 0.0000,  
0.0000

244.8340,  
-20.2640, -7.2080

253.8040, -2.3840,

-0.8480

■ 95.9620, -32.3680,  
-8.1120

■ 95.9620, -32.3680,  
-8.1120

■ 91.2000, -38.9700,  
-9.6100

■ 100.7240,  
-25.7660, -6.6140

■ 87.0250, -45.8470,  
-11.6310

■ 104.8990,  
-18.8890, -4.5930

■ 82.5620, -51.8530,  
-12.9170

■ 109.3620,  
-12.8830, -3.3070

■ 78.3870, -58.7300,  
-14.9380

■ 113.5370, -6.0060,  
-1.2860

■ 73.6250, -65.3320,  
-16.4360

■ 118.2990, 0.5960,  
0.2120

■ 73.3260, -65.9280,  
-16.6480

■ 123.0610, 7.1980,  
1.7100

■ 127.2360, 14.0750,  
3.7310

■ 131.6990, 20.0810,  
5.0170

■ 136.4610, 26.6830,  
6.5150

# Harmonies

## Analogous

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



96.4480, -25.1690, -11.9290



95.9620, -32.3680, -8.1120



98.0320, -29.3890, -1.5250

# Triad

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



95.9620, -32.3680, -8.1120



105.1790, 10.2220, 12.9900



101.4990, 14.3520, -6.8000

# Complementary

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



95.9620, -32.3680, -8.1120



82.0380, 32.3680, 8.1120

# 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.



102.7930, 22.5120, -0.4960



95.9620, -32.3680, -8.1120



104.6870, 20.3550, 11.0670

# Square

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



95.9620, -32.3680, -8.1120



103.9970, -3.9450, 10.9270



103.6780, 24.5740, 6.1900



99.8180, 3.0280, -10.8280



# Rectangle

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



95.9620, -32.3680, -8.1120



100.7880, -22.6500, 2.9980



103.6780, 24.5740, 6.1900



102.4070, 17.6070, -5.2170

# Sweetspot

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



95.9620, -32.3680, -8.1120



144.3620, -12.8830, -3.3070



94.9580, -18.5180, -27.8460



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.



95.9620, -32.3680, -8.1120



119.0460, -50.3400, -12.8040



78.9390, -24.3930, 7.0550



56.6190, -3.3010, -0.7490



76.1300, -68.3120, -17.4960



155.2920, -139.6500, -35.2180



# Inverse Universe

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



83.0420, 18.5180, 27.8460



98.8020, 28.6020, 43.3380



99.0610, 24.3930, -7.0550



55.3640, 1.9710, 2.8270



48.5620, 38.6860, 58.8300

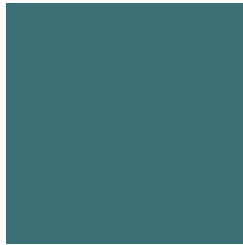


99.3740, 79.6640, 120.1760



# Previews

## White Background



This preview shows how the YIQ color 95.9620, -32.3680, -8.1120 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 95.9620, -32.3680, -8.1120 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

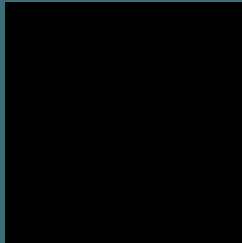
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YIQ 95.9620, -32.3680, -8.1120**

## **Background**



This preview shows how black text looks on a background with the YIQ color 95.9620, -32.3680, -8.1120.



This preview shows how white text looks on a background with the YIQ color 95.9620, -32.3680,

-8.1120.

# 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

95.9620, -32.3680, -8.1120

### Protanopia

102.2540, -3.5310, 3.4210

### Deuteranopia

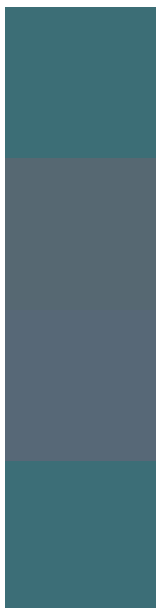
103.1770, -4.6320, 6.8560



## Tritanopia

96.0760, -32.6890, -7.8010

# Trichromacy



## Original Color

95.9620, -32.3680, -8.1120

## Protanomaly

99.7580, -13.9380, -0.7060

## Deuteranomaly

100.6270, -14.9470, 1.0610

## Tritanomaly

96.0760, -32.6890, -7.8010

# Monochromacy



## Original Color

95.9620, -32.3680, -8.1120

## Achromatopsia

96.0000, -0.0000, 0.0000

## Achromatomaly

95.9600, -11.6910, -2.8830

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 95.9620, -32.3680, -8.1120 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(60, 110, 118)` looks like.

```
.text, #text, p{  
    color:rgb(60, 110, 118)  
}
```

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(60, 110, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 110, 118) }
```

## Border

The CSS property to change the border of an element to YIQ 95.9620, -32.3680, -8.1120 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(60, 110, 118) }
```



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

```
.border{ border-color:rgb(60, 110, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 110, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 110, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 110, 118);  
box-shadow:4px 4px 4px 4px rgb(60, 110,  
118) }
```

# Background

The CSS property to change the background color of an element to YIQ 95.9620, -32.3680, -8.1120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 110, 118) }
```

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

```
.background{ background-color: rgb(60, 110,  
118) }
```

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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