

# Converting Colors

YIQ(95.9460, -35.4390,  
-13.0310)

Have a look what the booklet for  
YIQ(95.9460, -35.4390, -13.0310)  
contains.

<b>YIQ(95.9460, -35.4390, -13.0310)</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(95.9460, -35.4390,  
-13.0310)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	367271
RGB	54, 114, 113
RGB Percent	21%, 45%, 44%
CMY	0.7884, 0.5528, 0.5570
CMYK	0.53, 0.00, 0.01, 0.55
HSL	179°, 36%, 33%
HSV	179°, 53%, 45%
XYZ	10.5181, 14.0150, 17.7631
YIQ	95.9460, -35.4390, -13.0310

# Conversions

## Conversions Part 2

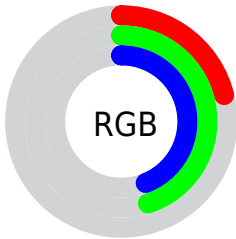
<b>Format</b>	<b>Color</b>
<b>RYB</b>	54, 84, 114
Decimal	3568241
CIELab	44.25, -19.67, -5.40
CIELCh	44, 20.393, 195.341
Yxy	14.0150, 0.2487, 0.3314
Android (android.graphics.Color)	4281758321 (0xFF367271)
YUV	95.9460, 8.4076, -36.7866
Hunter-Lab	37.4367, -15.3630, -1.9265

# Details

The YIQ color **95.9460, -35.4390, -13.0310** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **72.0540, 35.4390, 13.0310**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **147.9460, -35.4390, -13.0310**, and **46.1520, -39.0150, -14.3030** is the 20% darker color. If you saturate the color by 10%, you get **92.6570, -41.9950, -15.3630**, and if you desaturate by 10%, it is **99.2350, -28.8830, -10.6990**.

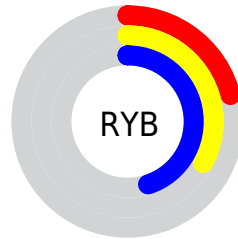
# Distribution



Red (21%)

Green (45%)

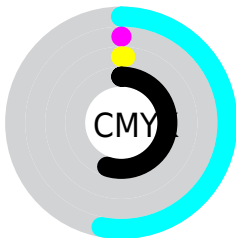
Blue (44%)



Red (21%)

Yellow (33%)

Blue (45%)

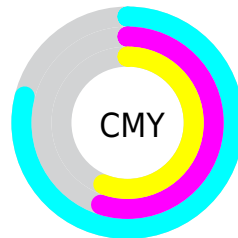


Cyan (53%)

Magenta (0%)

Yellow (1%)

Black (55%)



Cyan (79%)

Magenta (55%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 95.9460, -35.4390, -13.0310 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 95.9460, -35.4390, -13.0310 by changing the saturation by 10% instead.



■ 95.9460, -35.4390,  
-13.0310

■ 95.9460, -35.4390,  
-13.0310

■ 255.0000, -0.0000,  
-0.0000

■ 70.1630, -37.5480,  
-13.3560

■ 147.9460,  
-35.4390, -13.0310

■ 46.1520, -39.0150,  
-14.3030

■ 174.9460,  
-35.4390, -13.0310

■ 30.1430, -25.6280,  
-9.1160

■ 202.6470,  
-36.0350, -13.2430

■ 16.7100, -13.9830,  
-5.3990

■ 231.2340,  
-36.3100, -13.7660

■ 0.0000, 0.0000,  
0.0000

■ 243.3390,  
-23.2440, -8.2680

■ 252.0100, -5.9600,

-2.1200

■ 95.9460, -35.4390,  
-13.0310

■ 95.9460, -35.4390,  
-13.0310

■ 92.6570, -41.9950,  
-15.3630

■ 99.2350, -28.8830,  
-10.6990

■ 89.0690, -49.1470,  
-17.9070

■ 102.8230,  
-21.7310, -8.1550

■ 85.6660, -55.3820,  
-20.5500

■ 106.2260,  
-15.4960, -5.5120

■ 82.0780, -62.5340,  
-23.0940

■ 109.8140, -8.3440,  
-2.9680

■ 79.6860, -67.3020,  
-24.7900

■ 113.1030, -1.7880,  
-0.6360

■ 116.3920, 4.7680,  
1.6960

■ 119.9800, 11.9200,  
4.2400

■ 123.3830, 18.1550,  
6.8830

■ 126.9710, 25.3070,  
9.4270

# Harmonies

## Analogous

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



97.7920, -20.4460, -14.9260



95.9460, -35.4390, -13.0310



96.1830, -40.3000, -7.5320

# Triad

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



95.9460, -35.4390, -13.0310



106.9270, 2.2440, 14.4040



104.5710, 23.0170, -4.1430

# Complementary

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



95.9460, -35.4390, -13.0310



72.0540, 35.4390, 13.0310

# 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.



105.3640, 28.3340, 4.1260



95.9460, -35.4390, -13.0310



107.3540, 17.0990, 15.0110

# Square

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



95.9460, -35.4390, -13.0310



104.7830, -15.0860, 9.0900



106.5090, 26.7280, 11.2080



102.7220, 12.1060, -10.1500



# Rectangle

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



95.9460, -35.4390, -13.0310



99.0960, -35.4410, -1.9770



106.5090, 26.7280, 11.2080



105.1200, 25.9050, -1.4150

# Sweetspot

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



95.9460, -35.4390, -13.0310



140.7100, -13.9830, -5.3990



89.8180, -15.3080, -30.9560



69.8140, -8.3440, -2.9680



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000



# Same Dimension

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



95.9460, -35.4390, -13.0310



119.9650, -54.7860, -20.3380



79.6240, -28.0600, 1.9240



54.2060, -3.5760, -1.2720



83.8920, -70.8780, -26.0620



172.6910, -145.9280, -53.6080



# Inverse Universe

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



72.0540, 35.4390, 13.0310



82.9210, 55.1070, 20.0270



88.3760, 28.0600, -1.9240



51.9080, 3.2550, 1.5830



36.1080, 70.8780, 26.0620

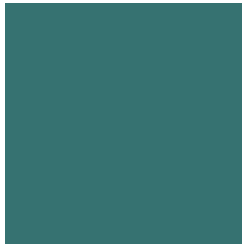


74.3090, 145.9280, 53.6080



# Previews

## White Background



This preview shows how the YIQ color 95.9460, -35.4390, -13.0310 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 95.9460, -35.4390, -13.0310 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

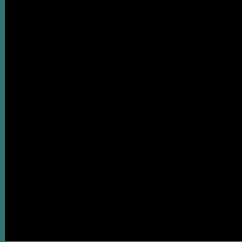
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

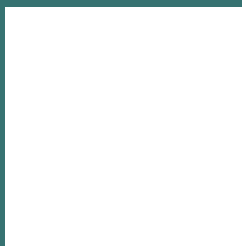
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**YIQ 95.9460, -35.4390, -13.0310**

## **Background**



This preview shows how black text looks on a background with the YIQ color 95.9460, -35.4390, -13.0310.



This preview shows how white text looks on a background with the YIQ color 95.9460, -35.4390,



# 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

95.9460, -35.4390, -13.0310

### Protanopia

104.6410, -0.3670, 1.1450

### Deuteranopia

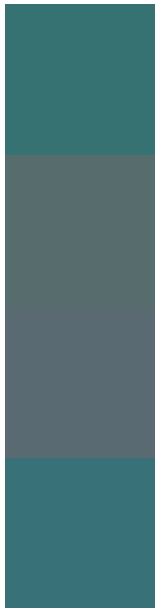
105.1020, -0.0470, 6.3610



## Tritanopia

97.2820, -36.2650, -9.0730

# Trichromacy



## Original Color

95.9460, -35.4390, -13.0310

## Protanomaly

101.5360, -13.4330, -4.3530

## Deuteranomaly

101.9430, -13.0210, -0.8050

## Tritanomaly

96.6410, -35.8980, -10.2180

# Monochromacy



## Original Color

95.9460, -35.4390, -13.0310

## Achromatopsia

96.0000, -0.0000, 0.0000

## Achromatomaly

96.3080, -12.7910, -4.9750

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 95.9460, -35.4390, -13.0310 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(54, 114, 113)` looks like.

```
.text, #text, p{  
    color:rgb(54, 114, 113)  
}
```

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(54, 114, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 114, 113) }
```

## Border

The CSS property to change the border of an element to YIQ 95.9460, -35.4390, -13.0310 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(54, 114, 113) }
```



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

```
.border{ border-color:rgb(54, 114, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 114, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 114, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 114, 113);  
box-shadow:4px 4px 4px 4px rgb(54, 114,  
113) }
```

# Background

The CSS property to change the background color of an element to YIQ 95.9460, -35.4390, -13.0310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 114, 113) }
```

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

```
.background{ background-color: rgb(54, 114,  
113) }
```

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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