

Converting Colors

YIQ(137.7110, -32.9190,
-3.6310)

Have a look what the booklet for
YIQ(137.7110, -32.9190, -3.6310)
contains.

YIQ(137.7110, -32.9190, -3.6310)	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(137.7110, -32.9190,
-3.6310)**

Conversions

Conversions Part 1

Format	Color
Hex	6895A8
RGB	104, 149, 168
RGB Percent	41%, 58%, 66%
CMY	0.5922, 0.4156, 0.3413
CMYK	0.38, 0.11, 0.00, 0.34
HSL	198°, 27%, 53%
HSV	198°, 38%, 66%
XYZ	23.5210, 27.2683, 41.0513
YIQ	137.7110, -32.9190, -3.6310

Conversions

Conversions Part 2

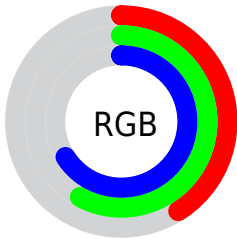
Format	Color
R_{YB}	104, 130, 168
Decimal	6854056
CIE _{Lab}	59.22, -10.32, -14.79
CIE _{LCh}	59, 18.035, 235.098
Yxy	27.2683, 0.2561, 0.2969
Android (android.graphics.Color)	4285044136 (0xFF6895A8)
YUV	137.7110, 14.9325, -29.5645
Hunter-Lab	52.2190, -10.9817, -10.0567

Details

The YIQ color $137.7110, -32.9190, -3.6310$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $134.2890, 32.9190, 3.6310$, and the grayscale version is $138.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $191.5260, -33.8360, -3.5320$, and $86.2980, -33.1940, -4.1540$ is the 20% darker color. If you saturate the color by 10%, you get $129.6930, -41.6760, -4.6200$, and if you desaturate by 10%, it is $145.7290, -24.1620, -2.6420$.

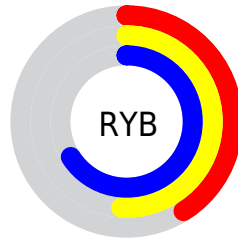
Distribution



Red (41%)

Green (58%)

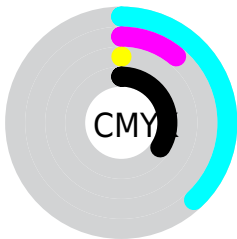
Blue (66%)



Red (41%)

Yellow (51%)

Blue (66%)

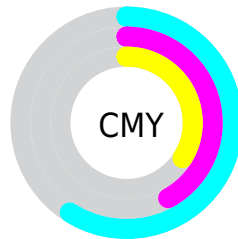


Cyan (38%)

Magenta (11%)

Yellow (0%)

Black (34%)



Cyan (59%)

Magenta (42%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.7110, -32.9190, -3.6310 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 137.7110, -32.9190, -3.6310 by changing the saturation by 10% instead.

■ 137.7110,
-32.9190, -3.6310

■ 137.7110,
-32.9190, -3.6310

■ 255.0000, -0.0000,
-0.0000

■ 111.7110,
-32.9190, -3.6310

■ 191.5260,
-33.8360, -3.5320

■ 86.2980, -33.1940,
-4.1540

■ 219.6400,
-34.1570, -3.2210

■ 61.2870, -34.6610,
-5.1010

■ 242.4420,
-25.0320, -8.9040

■ 38.2760, -36.1280,
-6.0480

■ 251.1130, -7.7480,
-2.7560

■ 23.3270, -22.9700,
-2.2180

■ 3.4370, -8.3000,
7.2520

■ 0.0000, 0.0000,

0.0000

■ 137.7110,
-32.9190, -3.6310

■ 137.7110,
-32.9190, -3.6310

■ 129.6930,
-41.6760, -4.6200

■ 145.7290,
-24.1620, -2.6420

■ 121.6750,
-50.4330, -5.6090

■ 153.7470,
-15.4050, -1.6530

■ 113.9560,
-58.5940, -6.3860

■ 161.4660, -7.2440,
-0.8760

■ 105.9380,
-67.3510, -7.3750

■ 169.4840, 1.5130,
0.1130

■ 97.9200, -76.1080,
-8.3640

■ 177.5020, 10.2700,
1.1020

■ 89.9020, -84.8650,
-9.3530

■ 185.5200, 19.0270,
2.0910

■ 88.4180, -86.3780,
-9.4660

■ 193.5380, 27.7840,
3.0800

■ 201.2570, 35.9450,
3.8570

■ 209.2750, 44.7020,
4.8460

Harmonies

Analogous

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



135.9080, -32.2760, -9.7800



137.7110, -32.9190, -3.6310



141.1300, -23.6130, 3.9310

Triad

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



137.7110, -32.9190, -3.6310



145.5560, 19.3460, 12.8340



140.5580, 6.6960, -11.2240

Complementary

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



137.7110, -32.9190, -3.6310



134.2890, 32.9190, 3.6310

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.



142.3640, 19.1660, -5.9380



137.7110, -32.9190, -3.6310



144.6290, 26.2700, 8.4940

Square

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



137.7110, -32.9190, -3.6310



145.1510, 7.4250, 14.1210



143.4130, 26.6380, 1.8220



138.6640, -8.3420, -14.0220

Rectangle

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



137.7110, -32.9190, -3.6310



142.8540, -13.8480, 8.6800



143.4130, 26.6380, 1.8220



140.9500, 11.4640, -9.5280

Sweetspot

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



137.7110, -32.9190, -3.6310



207.7150, -12.3790, -1.4270



143.6200, -23.3780, -27.8740



102.5800, -7.5650, -0.5650



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



137.7110, -32.9190, -3.6310



171.1910, -51.9460, -5.7220



119.5140, -24.3940, 12.5820



80.4340, -4.2180, -0.6500



77.9200, -76.1080, -8.3640



10.4980, -10.2700, -1.1020

Inverse Universe

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



128.2660, 23.6990, 27.5630



156.2930, 37.4050, 43.4930



152.4860, 24.3940, -12.5820



79.0760, 2.8420, 3.5620



56.1080, 54.8240, 63.7200



7.5760, 7.4260, 8.5940

Previews

White Background



This preview shows how the YIQ color 137.7110, -32.9190, -3.6310 looks on a white background.

Color Contrast Check

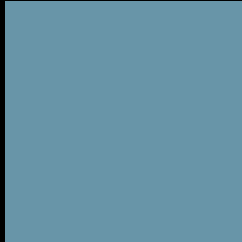
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 137.7110, -32.9190, -3.6310 looks on a black 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

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

YIQ 137.7110, -32.9190, -3.6310

Background



This preview shows how black text looks on a background with the YIQ color 137.7110, -32.9190, -3.6310.



This preview shows how white text looks on a background with the YIQ color 137.7110, -32.9190, -3.6310.

-3.6310.

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

137.7110, -32.9190, -3.6310

Protanopia

142.6110, -8.8500, 6.2060

Deuteranopia

143.4310, -8.1630, 10.2770



Tritanopia

137.0160, -32.4600, -6.4440

Trichromacy



Original Color

137.7110, -32.9190, -3.6310

Protanomaly

141.0120, -17.4690, 2.7150

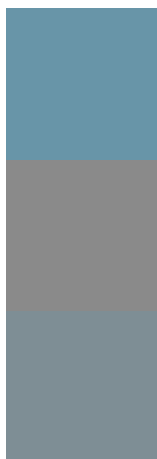
Deuteranomaly

141.4790, -17.2860, 4.9060

Tritanomaly

137.5430, -32.5060, -5.6100

Monochromacy



Original Color

137.7110, -32.9190, -3.6310

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

138.0140, -11.7830, -1.2150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.7110, -32.9190, -3.6310 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(104, 149, 168)` looks like.

```
.text, #text, p{  
    color:rgb(104, 149, 168)  
}
```

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(104, 149, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 149, 168) }
```

Border

The CSS property to change the border of an element to YIQ 137.7110, -32.9190, -3.6310 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(104, 149, 168) }
```


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

```
.border{ border-color:rgb(104, 149, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 149, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 149, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 149, 168);  
box-shadow:4px 4px 4px 4px rgb(104, 149,  
168) }
```

Background

The CSS property to change the background color of an element to YIQ 137.7110, -32.9190, -3.6310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 149, 168) }
```

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

```
.background{ background-color: rgb(104,  
149, 168) }
```

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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