

# Converting Colors

YIQ(136.7890, -25.5320,  
-32.8920)

Have a look what the booklet for  
YIQ(136.7890, -25.5320, -32.8920)  
contains.

<b>YIQ(136.7890, -25.5320, -32.8920)</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(136.7890, -25.5320,  
-32.8920)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5CA56D
RGB	92, 165, 109
RGB Percent	36%, 65%, 43%
CMY	0.6394, 0.3528, 0.5726
CMYK	0.44, 0.00, 0.34, 0.35
HSL	134°, 29%, 50%
HSV	134°, 44%, 65%
XYZ	20.6285, 30.2977, 19.2246
YIQ	136.7890, -25.5320, -32.8920

# Conversions

## Conversions Part 2

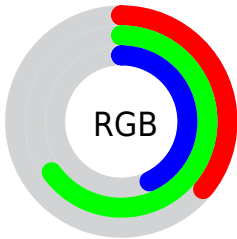
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 151, 165
Decimal	6071661
CIELab	61.91, -35.34, 22.13
CIELCh	62, 41.697, 147.950
Yxy	30.2977, 0.2941, 0.4319
Android (android.graphics.Color)	4284261741 (0xFF5CA56D)
YUV	136.7890, -13.7000, -39.2800
Hunter-Lab	55.0433, -29.4297, 17.8225

# Details

The YIQ color **136.7890, -25.5320, -32.8920** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **120.2110, 25.5320, 32.8920**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **191.7350, -25.4400, -34.5600**, and **84.0600, -27.7330, -31.5490** is the 20% darker color. If you saturate the color by 10%, you get **130.2240, -31.4910, -40.5390**, and if you desaturate by 10%, it is **143.0550, -20.1690, -25.4570**.

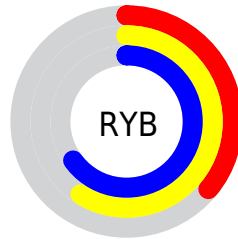
# Distribution



Red (36%)

Green (65%)

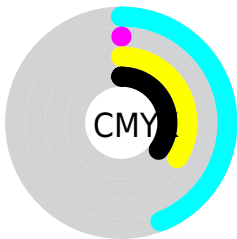
Blue (43%)



Red (36%)

Yellow (59%)

Blue (65%)

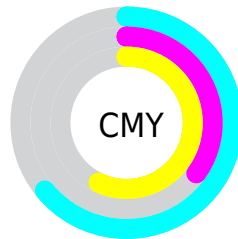


Cyan (44%)

Magenta (0%)

Yellow (34%)

Black (35%)



Cyan (64%)

Magenta (35%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 136.7890, -25.5320, -32.8920 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 136.7890, -25.5320, -32.8920 by changing the saturation by 10% instead.



■ 136.7890,  
-25.5320, -32.8920

■ 136.7890,  
-25.5320, -32.8920

■ 255.0000, -0.0000,  
-0.0000

■ 110.0170,  
-26.1740, -32.2700

■ 191.7350,  
-25.4400, -34.5600

■ 84.0600, -27.7330,  
-31.5490

■ 219.3220,  
-25.7150, -35.0830

■ 56.2870, -35.8020,  
-33.9940

■ 234.7070,  
-19.0690, -23.3650

■ 38.9190, -22.7820,  
-27.6620

■ 246.2710,  
-11.3690, -8.7210

■ 24.0670, -11.2750,  
-21.4430

■ 7.6310, -3.5750,  
-6.7990

■ 0.0000, 0.0000,

0.0000

■ 136.7890,  
-25.5320, -32.8920

■ 136.7890,  
-25.5320, -32.8920

■ 130.2240,  
-31.4910, -40.5390

■ 143.0550,  
-20.1690, -25.4570

■ 124.0720,  
-37.1750, -47.6630

■ 149.5060,  
-13.8890, -18.1210

■ 117.5070,  
-43.1340, -55.3100

■ 155.7720, -8.5260,  
-10.6860

■ 111.2410,  
-48.4970, -62.7450

■ 162.3370, -2.5670,  
-3.0390

■ 104.7900,  
-54.7770, -70.0810

■ 168.4890, 3.1170,  
4.0850

■ 101.1870,  
-57.5730, -74.4770

■ 175.0540, 9.0760,  
11.7320

■ 181.3200, 14.4390,  
19.1670

■ 187.7710, 20.7190,  
26.5030

■ 194.0370, 26.0820,  
33.9380

# Harmonies

## Analogous

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



143.0570, 11.8800, -28.0880



136.7890, -25.5320, -32.8920



117.6520, -88.2980, -40.7620

# Triad

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



136.7890, -25.5320, -32.8920



140.3380, -65.0610, 6.1950



150.4330, 59.4170, 19.0090

# Complementary

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



136.7890, -25.5320, -32.8920



120.2110, 25.5320, 32.8920

# 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.



152.5800, 46.3020, 30.9260



136.7890, -25.5320, -32.8920



151.8280, -18.9860, 24.7100

# Square

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



136.7890, -25.5320, -32.8920



119.7350, -112.5560, -19.6280



153.8020, 19.4340, 33.2740



148.8000, 56.1650, 0.8450



# Rectangle

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



136.7890, -25.5320, -32.8920



118.6970, -101.3660, -35.2060



153.8020, 19.4340, 33.2740



150.9260, 56.7110, 23.9990

# Sweetspot

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



136.7890, -25.5320, -32.8920



203.2340, -9.9470, -12.4670



151.8940, 13.8970, -26.0950



100.4350, -5.9590, -7.6470



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000



# Same Dimension

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



136.7890, -25.5320, -32.8920



170.2950, -39.4210, -51.0130



140.7790, -36.7670, -22.0070



78.5110, -3.1170, -4.0850



88.9910, -50.7890, -65.2610



11.0220, -6.2340, -8.1700



# Inverse Universe

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



120.2110, 25.5320, 32.8920



144.7050, 39.4210, 51.0130



116.2210, 36.7670, 22.0070



76.4890, 3.1170, 4.0850



56.0090, 50.7890, 65.2610



6.9780, 6.2340, 8.1700



# Previews

## White Background



This preview shows how the YIQ color 136.7890, -25.5320, -32.8920 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 136.7890, -25.5320, -32.8920 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 ✓ Pass

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

# YIQ 136.7890, -25.5320, -32.8920 Background



This preview shows how black text looks on a background with the YIQ color 136.7890, -25.5320, -32.8920.



This preview shows how white text looks on a background with the YIQ color 136.7890, -25.5320, -32.8920.

-32.8920.

# 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

136.7890, -25.5320, -32.8920

### Protanopia

147.2300, 22.2390, -12.0730

### Deuteranopia

149.2620, 28.3810, -2.2350



## Tritanopia

143.2330, -34.5690, -6.7690

# Trichromacy



## Original Color

136.7890, -25.5320, -32.8920

## Protanomaly

143.6190, 4.7260, -19.5780

## Deuteranomaly

144.7600, 8.9430, -13.4010

## Tritanomaly

140.9910, -31.3120, -16.2400

# Monochromacy



## Original Color

136.7890, -25.5320, -32.8920

## Achromatopsia

137.0000, -0.0000, 0.0000

## Achromatomaly

136.9460, -9.0760, -11.7320

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 136.7890, -25.5320, -32.8920 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(92, 165, 109)` looks like.

```
.text, #text, p{  
    color:rgb(92, 165, 109)  
}
```

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(92, 165, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 165, 109) }
```

## Border

The CSS property to change the border of an element to YIQ 136.7890, -25.5320, -32.8920 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(92, 165, 109) }
```



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

```
.border{ border-color:rgb(92, 165, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 165, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 165, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 165, 109);  
box-shadow:4px 4px 4px 4px rgb(92, 165,  
109) }
```

# Background

The CSS property to change the background color of an element to YIQ 136.7890, -25.5320, -32.8920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 165, 109) }
```

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

```
.background{ background-color: rgb(92, 165,  
109) }
```

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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