

# Converting Colors

YIQ(141.7890, -25.5320,  
-32.8920)

Have a look what the booklet for  
YIQ(141.7890, -25.5320, -32.8920)  
contains.

<b>YIQ(141.7890, -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(141.7890, -25.5320,  
-32.8920)**

# Conversions

## Conversions Part 1

Format	Color
Hex	61AA72
RGB	97, 170, 114
RGB Percent	38%, 67%, 45%
CMY	0.6198, 0.3332, 0.5530
CMYK	0.43, 0.00, 0.33, 0.33
HSL	134°, 30%, 52%
HSV	134°, 43%, 67%
XYZ	22.3410, 32.5139, 21.0135
YIQ	141.7890, -25.5320, -32.8920

# Conversions

## Conversions Part 2

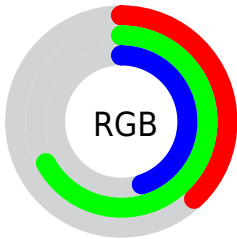
Format	Color
<a href="#">RYB</a>	<a href="#">97, 156, 170</a>
Decimal	<a href="#">6400626</a>
CIELab	<a href="#">63.77, -35.24, 21.95</a>
CIELCh	<a href="#">64, 41.519, 148.087</a>
Yxy	<a href="#">32.5139, 0.2945, 0.4286</a>
Android (android.graphics.Color)	<a href="#">4284590706 (0xFF61AA72)</a>
YUV	<a href="#">141.7890, -13.7000, -39.2800</a>
Hunter-Lab	<a href="#">57.0210, -29.8500, 18.0650</a>

# Details

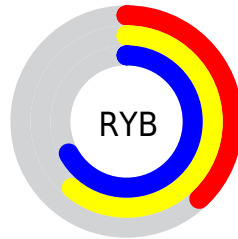
The YIQ color **141.7890, -25.5320, -32.8920** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **125.2110, 25.5320, 32.8920**, and the grayscale version is **142.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **196.7350, -25.4400, -34.5600**, and **88.9460, -27.4120, -31.8600** is the 20% darker color. If you saturate the color by 10%, you get **135.2240, -31.4910, -40.5390**, and if you desaturate by 10%, it is **148.3540, -19.5730, -25.2450**.

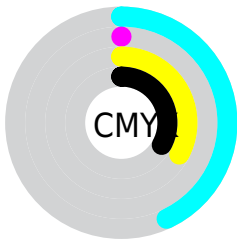
# Distribution



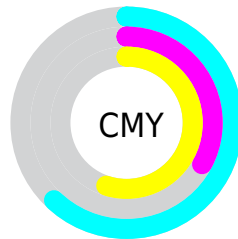
- Red (38%)
- Green (67%)
- Blue (45%)



- Red (38%)
- Yellow (61%)
- Blue (67%)



- Cyan (43%)
- Magenta (0%)
- Yellow (33%)
- Black (33%)



- Cyan (62%)
- Magenta (33%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 141.7890, -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 141.7890, -25.5320, -32.8920 by changing the saturation by 10% instead.



■ 141.7890,  
-25.5320, -32.8920

■ 141.7890,  
-25.5320, -32.8920

■ 255.0000, -0.0000,  
-0.0000

■ 115.0170,  
-26.1740, -32.2700

■ 196.7350,  
-25.4400, -34.5600

■ 88.9460, -27.4120,  
-31.8600

■ 225.3220,  
-25.7150, -35.0830

■ 61.8960, -33.1430,  
-32.6230

■ 236.8860,  
-18.0150, -20.4390

■ 42.3100, -25.4410,  
-29.0330

■ 248.7490, -9.7190,  
-5.5830

■ 26.4150, -12.3750,  
-23.5350

■ 12.9140, -6.0500,  
-11.5060

■ 0.0000, 0.0000,

0.0000

■ 141.7890,  
-25.5320, -32.8920

■ 141.7890,  
-25.5320, -32.8920

■ 135.2240,  
-31.4910, -40.5390

■ 148.3540,  
-19.5730, -25.2450

■ 128.6590,  
-37.4500, -48.1860

■ 154.9190,  
-13.6140, -17.5980

■ 122.0940,  
-43.4090, -55.8330

■ 161.4840, -7.6550,  
-9.9510

■ 115.5290,  
-49.3680, -63.4800

■ 168.0490, -1.6960,  
-2.3040

■ 108.9640,  
-55.3270, -71.1270

■ 174.6140, 4.2630,  
5.3430

■ 104.3500,  
-59.5900, -76.4700

■ 181.1790, 10.2220,  
12.9900

■ 187.7440, 16.1810,  
20.6370

■ 194.3090, 22.1400,  
28.2840

■ 200.8740, 28.0990,  
35.9310

# Harmonies

## Analogous

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



148.0570, 11.8800, -28.0880



141.7890, -25.5320, -32.8920



126.8270, -81.4210, -38.7410

# Triad

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



141.7890, -25.5320, -32.8920



145.9360, -63.8690, 6.6190



155.4330, 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.



141.7890, -25.5320, -32.8920



125.2110, 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.



157.7650, 47.2190, 30.8270



141.7890, -25.5320, -32.8920



156.8280, -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.



141.7890, -25.5320, -32.8920



123.2400, -115.5360, -20.6880



158.8020, 19.4340, 33.2740



153.8000, 56.1650, 0.8450



# Rectangle

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



141.7890, -25.5320, -32.8920



122.2020, -104.3460, -36.2660



158.8020, 19.4340, 33.2740



155.8120, 57.0320, 23.6880

# Sweetspot

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



141.7890, -25.5320, -32.8920



210.8210, -10.2220, -12.9900



156.8940, 13.8970, -26.0950



105.0220, -6.2340, -8.1700



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000



# Same Dimension

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



141.7890, -25.5320, -32.8920



177.1700, -40.5670, -52.2710



145.7790, -36.7670, -22.0070



80.9240, -2.8420, -3.5620



90.7520, -51.6140, -66.8300



12.3100, -7.1050, -8.9050



# Inverse Universe

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



125.2110, 25.5320, 32.8920



150.8300, 40.5670, 52.2710



121.2210, 36.7670, 22.0070



79.0760, 2.8420, 3.5620



57.1340, 51.9350, 66.5190



7.8040, 6.7840, 9.2160



# Previews

## White Background



This preview shows how the YIQ color 141.7890, -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 141.7890, -25.5320, -32.8920 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

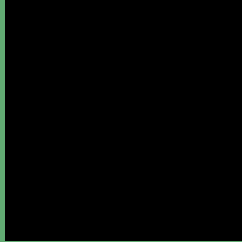
Any Text WCAG AA ✓ Pass

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 141.7890, -25.5320, -32.8920 Background



This preview shows how black text looks on a background with the YIQ color 141.7890, -25.5320, -32.8920.



This preview shows how white text looks on a background with the YIQ color 141.7890, -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

141.7890, -25.5320, -32.8920

### Protanopia

152.2300, 22.2390, -12.0730

### Deuteranopia

153.6750, 28.6560, -1.7120



## Tritanopia

147.9340, -35.1650, -6.9810

# Trichromacy



## Original Color

141.7890, -25.5320, -32.8920

## Protanomaly

148.6190, 4.7260, -19.5780

## Deuteranomaly

149.1730, 9.2180, -12.8780

## Tritanomaly

145.6920, -31.9080, -16.4520

# Monochromacy



## Original Color

141.7890, -25.5320, -32.8920

## Achromatopsia

142.0000, -0.0000, -0.0000

## Achromatomaly

141.9460, -9.0760, -11.7320

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 141.7890, -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(97, 170, 114)` looks like.

```
.text, #text, p{  
    color:rgb(97, 170, 114)  
}
```

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(97, 170, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 170, 114) }
```

## Border

The CSS property to change the border of an element to YIQ 141.7890, -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(97, 170, 114) }
```



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

```
.border{ border-color:rgb(97, 170, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 170, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 170, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 170, 114);  
box-shadow:4px 4px 4px 4px rgb(97, 170,  
114) }
```

# Background

The CSS property to change the background color of an element to YIQ 141.7890, -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(97, 170, 114) }
```

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

```
.background{ background-color: rgb(97, 170,  
114) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor