

# Converting Colors

YIQ(134.3550, -21.3140,  
-32.2420)

Have a look what the booklet for  
YIQ(134.3550, -21.3140, -32.2420)  
contains.

<b>YIQ(134.3550, -21.3140, -32.2420)</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(134.3550, -21.3140,  
-32.2420)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5EA167
RGB	94, 161, 103
RGB Percent	37%, 63%, 40%
CMY	0.6316, 0.3685, 0.5961
CMYK	0.42, 0.00, 0.36, 0.37
HSL	128°, 26%, 50%
HSV	128°, 42%, 63%
XYZ	19.8084, 28.8556, 17.3550
YIQ	134.3550, -21.3140, -32.2420

# Conversions

## Conversions Part 2

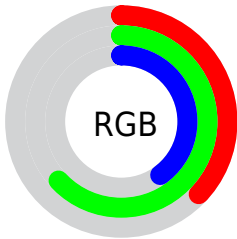
<b>Format</b>	<b>Color</b>
<b>RYB</b>	94, 153, 161
Decimal	6201703
CIELab	60.65, -33.96, 23.72
CIElCh	61, 41.428, 145.065
Yxy	28.8556, 0.3000, 0.4371
Android (android.graphics.Color)	4284391783 (0xFF5EA167)
YUV	134.3550, -15.4580, -35.3913
Hunter-Lab	53.7175, -28.1833, 18.4469

# Details

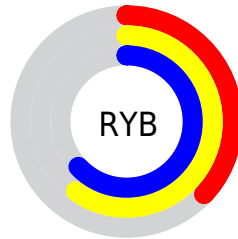
The YIQ color **134.3550, -21.3140, -32.2420** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **120.6450, 21.3140, 32.2420**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **188.4150, -21.5430, -33.5990**, and **82.5120, -23.1940, -31.2100** is the 20% darker color. If you saturate the color by 10%, you get **127.9750, -26.3560, -39.9880**, and if you desaturate by 10%, it is **140.7350, -16.2720, -24.4960**.

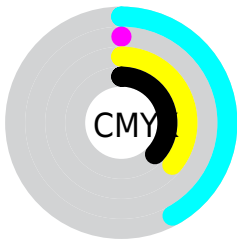
# Distribution



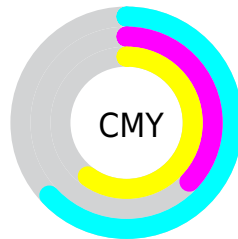
- Red (37%)
- Green (63%)
- Blue (40%)



- Red (37%)
- Yellow (60%)
- Blue (63%)



- Cyan (42%)
- Magenta (0%)
- Yellow (36%)
- Black (37%)



- Cyan (63%)
- Magenta (37%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 134.3550, -21.3140, -32.2420 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 134.3550, -21.3140, -32.2420 by changing the saturation by 10% instead.



■ 134.3550,  
-21.3140, -32.2420

■ 134.3550,  
-21.3140, -32.2420

■ 255.0000, -0.0000,  
-0.0000

■ 108.5830,  
-21.9560, -31.6200

■ 188.4150,  
-21.5430, -33.5990

■ 82.5120, -23.1940,  
-31.2100

■ 216.8880,  
-21.4970, -34.4330

■ 55.7610, -28.3290,  
-31.7610

■ 234.2080,  
-16.2260, -25.3300

■ 36.3600, -19.7100,  
-28.2700

■ 246.1850, -8.2510,  
-10.1630

■ 22.8930, -10.7250,  
-20.3970

■ 2.3480, -1.1000,  
-2.0920

■ 0.0000, 0.0000,

0.0000

■ 134.3550,  
-21.3140, -32.2420

■ 134.3550,  
-21.3140, -32.2420

■ 127.9750,  
-26.3560, -39.9880

■ 140.7350,  
-16.2720, -24.4960

■ 121.5950,  
-31.3980, -47.7340

■ 147.1150,  
-11.2300, -16.7500

■ 115.2150,  
-36.4400, -55.4800

■ 153.4950, -6.1880,  
-9.0040

■ 108.8350,  
-41.4820, -63.2260

■ 159.8750, -1.1460,  
-1.2580

■ 102.1560,  
-47.1200, -71.1840

■ 166.2550, 3.8960,  
6.4880

■ 97.0150, -51.3370,  
-77.3610

■ 172.9340, 9.5340,  
14.4460

■ 179.3140, 14.5760,  
22.1920

■ 185.5800, 19.9390,  
29.6270

■ 191.9600, 24.9810,  
37.3730

# Harmonies

## Analogous

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



139.9650, 15.1350, -26.5050



134.3550, -21.3140, -32.2420



118.9800, -77.4780, -38.6140

# Triad

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



134.3550, -21.3140, -32.2420



135.4190, -69.7830, 3.6650



147.4760, 57.8580, 19.7300

# Complementary

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



134.3550, -21.3140, -32.2420



120.6450, 21.3140, 32.2420

# 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.



149.3240, 44.1470, 31.4350



134.3550, -21.3140, -32.2420



147.7350, -23.1580, 23.2260

# Square

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



134.3550, -21.3140, -32.2420



117.8770, -110.0800, -20.4480



150.5350, 15.8120, 32.8360



145.7400, 56.3940, 2.2020



# Rectangle

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



134.3550, -21.3140, -32.2420



115.5510, -98.0190, -35.2910



150.5350, 15.8120, 32.8360



147.9690, 55.1520, 24.7200

# Sweetspot

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



134.3550, -21.3140, -32.2420



199.0170, -7.8380, -12.1420



150.6710, 16.1430, -22.7450



99.0330, -4.7670, -7.2230



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000



# Same Dimension

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



134.3550, -21.3140, -32.2420



167.6440, -33.0940, -50.0380



138.1170, -31.9070, -21.9790



78.5110, -3.1170, -4.0850



87.3950, -46.2950, -69.6150



10.7940, -5.5920, -8.7920



# Inverse Universe

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



120.6450, 21.3140, 32.2420



146.3560, 33.0940, 50.0380



116.8830, 31.9070, 21.9790



76.6030, 2.7960, 4.3960



57.7190, 45.9740, 69.9260



7.0920, 5.9130, 8.4810



# Previews

## White Background



This preview shows how the YIQ color 134.3550, -21.3140, -32.2420 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 134.3550, -21.3140, -32.2420 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 134.3550, -21.3140, -32.2420 Background



This preview shows how black text looks on a background with the YIQ color 134.3550, -21.3140, -32.2420.



This preview shows how white text looks on a background with the YIQ color 134.3550, -21.3140,

-32.2420.

# 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

134.3550, -21.3140, -32.2420

### Protanopia

143.4150, 23.1560, -12.1720

### Deuteranopia

145.9200, 29.3440, -3.1680



## Tritanopia

140.7280, -31.5890, -5.7090

# Trichromacy



## Original Color

134.3550, -21.3140, -32.2420

## Protanomaly

140.2880, 7.1560, -19.5640

## Deuteranomaly

142.0160, 11.0980, -13.9100

## Tritanomaly

138.3720, -28.0110, -15.4910

# Monochromacy



## Original Color

134.3550, -21.3140, -32.2420

## Achromatopsia

134.0000, -0.0000, -0.0000

## Achromatomaly

134.1310, -8.1590, -11.8310

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 134.3550, -21.3140, -32.2420 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(94, 161, 103)` looks like.

```
.text, #text, p{  
    color:rgb(94, 161, 103)  
}
```

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(94, 161, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 161, 103) }
```

## Border

The CSS property to change the border of an element to YIQ 134.3550, -21.3140, -32.2420 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(94, 161, 103) }
```



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

```
.border{ border-color:rgb(94, 161, 103) }
```

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

Here you see how a box with a 4 pixel rgb(94, 161, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 161, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 161, 103);  
box-shadow:4px 4px 4px 4px rgb(94, 161,  
103) }
```

# Background

The CSS property to change the background color of an element to YIQ 134.3550, -21.3140, -32.2420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 161, 103) }
```

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

```
.background{ background-color: rgb(94, 161,  
103) }
```

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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