

Converting Colors

YIQ(147.8990, -37.2250,
-24.7210)

Have a look what the booklet for
YIQ(147.8990, -37.2250, -24.7210)
contains.

YIQ(147.8990, -37.2250, -24.7210)	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(147.8990, -37.2250,
-24.7210)**

Conversions

Conversions Part 1

Format	Color
Hex	61AE93
RGB	97, 174, 147
RGB Percent	38%, 68%, 58%
CMY	0.6198, 0.3175, 0.4237
CMYK	0.44, 0.00, 0.16, 0.32
HSL	159°, 32%, 53%
HSV	159°, 44%, 68%
XYZ	25.3305, 34.9287, 32.9973
YIQ	147.8990, -37.2250, -24.7210

Conversions

Conversions Part 2

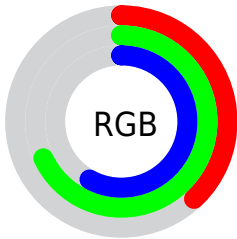
Format	Color
R_{YB}	97, 144, 174
Decimal	6401683
CIE _{Lab}	65.69, -30.36, 6.51
CIE _{LCh}	66, 31.051, 167.896
Yxy	34.9287, 0.2716, 0.3745
Android (android.graphics.Color)	4284591763 (0xFF61AE93)
YUV	147.8990, -0.4432, -44.6384
Hunter-Lab	59.1005, -26.9207, 8.2673

Details

The YIQ color **147.8990, -37.2250, -24.7210** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **123.1010, 37.2250, 24.7210**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **203.0730, -37.7750, -25.7670**, and **94.5290, -39.0590, -24.5230** is the 20% darker color. If you saturate the color by 10%, you get **142.1320, -45.4310, -30.1910**, and if you desaturate by 10%, it is **153.6660, -29.0190, -19.2510**.

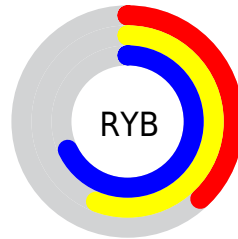
Distribution



Red (38%)

Green (68%)

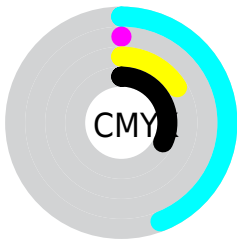
Blue (58%)



Red (38%)

Yellow (56%)

Blue (68%)

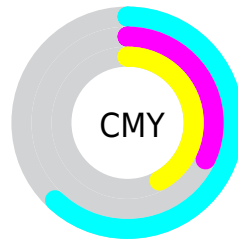


Cyan (44%)

Magenta (0%)

Yellow (16%)

Black (32%)



Cyan (62%)

Magenta (32%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 147.8990, -37.2250, -24.7210 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 147.8990, -37.2250, -24.7210 by changing the saturation by 10% instead.

■ 147.8990,
-37.2250, -24.7210

■ 147.8990,
-37.2250, -24.7210

■ 255.0000, -0.0000,
-0.0000

■ 121.0130,
-37.5460, -24.4100

■ 203.0730,
-37.7750, -25.7670

■ 94.5290, -39.0590,
-24.5230

■ 229.3120,
-36.9500, -24.1980

■ 65.8700, -47.4490,
-26.6570

■ 240.9470,
-28.0120, -9.9640

■ 47.9640, -35.8500,
-22.1060

■ 249.6180,
-10.7280, -3.8160

■ 31.4820, -22.5090,
-16.0850

■ 16.8920, -8.9840,
-13.4000

■ 0.0000, 0.0000,

0.0000

■ 147.8990,
-37.2250, -24.7210

■ 147.8990,
-37.2250, -24.7210

■ 142.1320,
-45.4310, -30.1910

■ 153.6660,
-29.0190, -19.2510

■ 136.0660,
-54.2330, -35.8730

■ 159.7320,
-20.2170, -13.5690

■ 130.2990,
-62.4390, -41.3430

■ 165.4990,
-12.0110, -8.0990

■ 124.2330,
-71.2410, -47.0250

■ 171.5650, -3.2090,
-2.4170

■ 118.3520,
-79.1260, -52.8060

■ 177.4460, 4.6760,
3.3640

■ 115.0200,
-84.1230, -55.8590

■ 183.2130, 12.8820,
8.8340

■ 189.2790, 21.6840,
14.5160

■ 195.0460, 29.8900,
19.9860

■ 201.1120, 38.6920,
25.6680

Harmonies

Analogous

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



152.4540, -8.1110, -23.7190



147.8990, -37.2250, -24.7210



143.4200, -63.4970, -22.1610

Triad

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



147.8990, -37.2250, -24.7210



159.6930, -23.3400, 15.5080



160.8730, 45.8940, 5.2700

Complementary

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



147.8990, -37.2250, -24.7210



123.1010, 37.2250, 24.7210

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.



162.2940, 43.6910, 17.6670



147.8990, -37.2250, -24.7210



163.7630, 6.0020, 23.3940

Square

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



147.8990, -37.2250, -24.7210



152.8200, -52.0390, 1.4730



163.6810, 29.6600, 24.1560



158.8790, 36.5890, -7.8190

Rectangle

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



147.8990, -37.2250, -24.7210



142.6890, -71.3840, -16.8880



163.6810, 29.6600, 24.1560



161.2200, 46.5350, 10.1750

Sweetspot

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



147.8990, -37.2250, -24.7210



216.8900, -14.6700, -9.4700



150.5710, -4.4870, -34.3350



108.5210, -9.0770, -6.2050



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



147.8990, -37.2250, -24.7210



186.3320, -58.0380, -38.5020



145.1070, -43.1420, -11.0940



83.9670, -4.4010, -2.8410



99.2220, -72.7080, -47.9720



15.2110, -11.1400, -7.3640

Inverse Universe

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



123.1010, 37.2250, 24.7210



147.6680, 58.0380, 38.5020



125.8930, 43.1420, 11.0940



81.0330, 4.4010, 2.8410



50.8920, 72.3870, 48.2830



7.7890, 11.1400, 7.3640

Previews

White Background



This preview shows how the YIQ color 147.8990, -37.2250, -24.7210 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 147.8990, -37.2250, -24.7210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

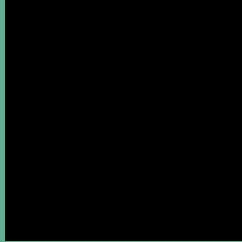
Any Text WCAG AA ✓ Pass

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 147.8990, -37.2250, -24.7210 Background



This preview shows how black text looks on a background with the YIQ color 147.8990, -37.2250, -24.7210.



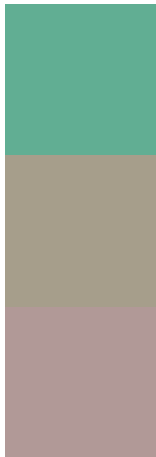
This preview shows how white text looks on a background with the YIQ color 147.8990, -37.2250, -24.7210.

-24.7210.

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

147.8990, -37.2250, -24.7210

Protanopia

158.2260, 10.8670, -4.2130

Deuteranopia

159.9480, 14.9460, 4.4660



Tritanopia

151.7590, -42.0420, -9.0020

Trichromacy



Original Color

147.8990, -37.2250, -24.7210

Protanomaly

154.6150, -6.6460, -11.7180

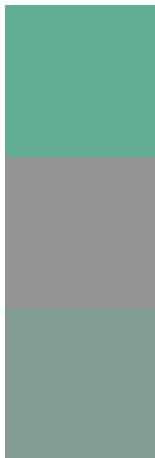
Deuteranomaly

155.8590, -4.2170, -6.1770

Tritanomaly

150.5540, -40.2070, -14.7270

Monochromacy



Original Color

147.8990, -37.2250, -24.7210

Achromatopsia

148.0000, -0.0000, 0.0000

Achromatomaly

147.6020, -13.7990, -8.7350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.8990, -37.2250, -24.7210 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, 174, 147)` looks like.

```
.text, #text, p{  
    color:rgb(97, 174, 147)  
}
```

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, 174, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 174, 147) }
```

Border

The CSS property to change the border of an element to YIQ 147.8990, -37.2250, -24.7210 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, 174, 147) }
```


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

```
.border{ border-color:rgb(97, 174, 147) }
```

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

Here you see how a box with a 4 pixel rgb(97, 174, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 174, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 174, 147);  
box-shadow:4px 4px 4px 4px rgb(97, 174,  
147) }
```

Background

The CSS property to change the background color of an element to YIQ 147.8990, -37.2250, -24.7210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 174, 147) }
```

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

```
.background{ background-color: rgb(97, 174,  
147) }
```

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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