

Converting Colors

YIQ(144.1870, -11.7330,
-24.1570)

Have a look what the booklet for
YIQ(144.1870, -11.7330, -24.1570)
contains.

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Color

**YIQ(144.1870, -11.7330,
-24.1570)**

Conversions

Conversions Part 1

Format	Color
Hex	76A374
RGB	118, 163, 116
RGB Percent	46%, 64%, 45%
CMY	0.5374, 0.3607, 0.5451
CMYK	0.28, 0.00, 0.29, 0.36
HSL	117°, 20%, 55%
HSV	117°, 29%, 64%
XYZ	23.7193, 31.3111, 21.3157
YIQ	144.1870, -11.7330, -24.1570

Conversions

Conversions Part 2

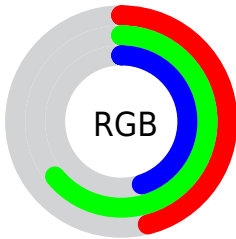
Format	Color
RYB	116, 163, 161
Decimal	7775092
CIELab	62.77, -24.73, 19.68
CIElCh	63, 31.605, 141.489
Yxy	31.3111, 0.3107, 0.4101
Android (android.graphics.Color)	4285965172 (0xFF76A374)
YUV	144.1870, -13.8962, -22.9660
Hunter-Lab	55.9563, -22.2593, 16.5838

Details

The YIQ color **144.1870, -11.7330, -24.1570** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **134.8130, 11.7330, 24.1570**, and the grayscale version is **144.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **198.2470, -11.9620, -25.5140**, and **93.1270, -11.5040, -22.8000** is the 20% darker color. If you saturate the color by 10%, you get **137.5790, -16.1330, -32.5250**, and if you desaturate by 10%, it is **150.7950, -7.3330, -15.7890**.

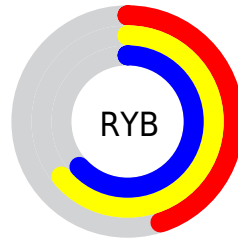
Distribution



Red (46%)

Green (64%)

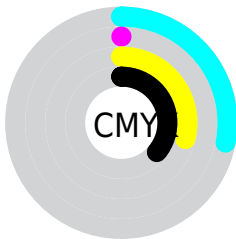
Blue (45%)



Red (45%)

Yellow (64%)

Blue (63%)

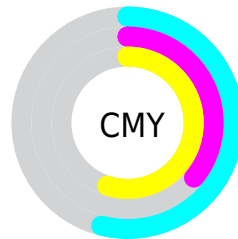


Cyan (28%)

Magenta (0%)

Yellow (29%)

Black (36%)



Cyan (54%)

Magenta (36%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 144.1870, -11.7330, -24.1570 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 144.1870, -11.7330, -24.1570 by changing the saturation by 10% instead.

■ 144.1870,
-11.7330, -24.1570

■ 144.1870,
-11.7330, -24.1570

■ 255.0000, -0.0000,
-0.0000

■ 118.6000,
-11.4580, -23.6340

■ 198.2470,
-11.9620, -25.5140

■ 93.1270, -11.5040,
-22.8000

■ 226.8340,
-12.2370, -26.0370

■ 68.7680, -11.8710,
-21.6550

■ 243.0940, -6.7370,
-15.5770

■ 45.2840, -13.3840,
-21.7680

■ 254.6580, 0.9630,
-0.9330

■ 23.4800, -11.0000,
-20.9200

■ 9.9790, -4.6750,
-8.8910

■ 0.0000, 0.0000,

0.0000

■ 144.1870,
-11.7330, -24.1570

■ 144.1870,
-11.7330, -24.1570

■ 137.5790,
-16.1330, -32.5250

■ 150.7950, -7.3330,
-15.7890

■ 131.1560,
-19.6160, -40.9920

■ 157.2180, -3.8500,
-7.3220

■ 124.5480,
-24.0160, -49.3600

■ 163.8260, 0.5500,
1.0460

■ 117.9400,
-28.4160, -57.7280

■ 170.1350, 4.3540,
9.2020

■ 111.5170,
-31.8990, -66.1950

■ 176.8570, 8.4330,
17.8810

■ 104.9090,
-36.2990, -74.5630

■ 183.4650, 12.8330,
26.2490

■ 98.6000, -40.1030,
-82.7190

■ 189.7740, 16.6370,
34.4050

■ 97.7740, -40.6530,
-83.7650

■ 196.3820, 21.0370,
42.7730

■ 200.9960, 25.3000,
48.1160

Harmonies

Analogous

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



147.7080, 14.7210, -18.9990



144.1870, -11.7330, -24.1570



139.1480, -42.3600, -25.2720

Triad

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



144.1870, -11.7330, -24.1570



145.6570, -50.0220, 3.4660



153.9520, 44.6540, 16.7340

Complementary

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



144.1870, -11.7330, -24.1570



134.8130, 11.7330, 24.1570

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.



155.3500, 32.0900, 24.1700



144.1870, -11.7330, -24.1570



152.6010, -20.0850, 17.0910

Square

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



144.1870, -11.7330, -24.1570



136.1390, -72.5310, -12.6190



156.1440, 9.3030, 24.1430



152.6340, 45.0690, 3.7010

Rectangle

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



144.1870, -11.7330, -24.1570



135.0350, -60.9750, -23.8150



156.1440, 9.3030, 24.1430



154.3910, 42.0400, 20.0560

Sweetspot

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



144.1870, -11.7330, -24.1570



204.1530, -5.2250, -9.9370



156.4680, 15.6370, -13.5710



102.3430, -2.7040, -6.0640



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.



144.1870, -11.7330, -24.1570



182.3350, -18.5620, -38.0660



145.9830, -19.6660, -18.0500



78.5820, -1.8790, -4.4950



86.9090, -36.2990, -74.5630



10.8650, -4.3540, -9.2020

Inverse Universe

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



134.8130, 11.7330, 24.1570



167.6650, 18.5620, 38.0660



133.0170, 19.6660, 18.0500



76.4180, 1.8790, 4.4950



58.0910, 36.2990, 74.5630



7.1350, 4.3540, 9.2020

Previews

White Background



This preview shows how the YIQ color 144.1870, -11.7330, -24.1570 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 144.1870, -11.7330, -24.1570 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 144.1870, -11.7330, -24.1570 Background



This preview shows how black text looks on a background with the YIQ color 144.1870, -11.7330, -24.1570.



This preview shows how white text looks on a background with the YIQ color 144.1870, -11.7330, -24.1570.

-24.1570.

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

144.1870, -11.7330, -24.1570

Protanopia

150.0280, 19.9920, -9.8960

Deuteranopia

151.7180, 27.0970, -0.9910



Tritanopia

148.8110, -21.4570, -2.1050

Trichromacy



Original Color

144.1870, -11.7330, -24.1570

Protanomaly

147.8200, 8.7140, -14.7580

Deuteranomaly

149.4340, 12.9770, -9.4150

Tritanomaly

147.5090, -17.9710, -10.2190

Monochromacy



Original Color

144.1870, -11.7330, -24.1570

Achromatopsia

144.0000, -0.0000, 0.0000

Achromatomaly

144.2780, -4.0790, -8.6790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 144.1870, -11.7330, -24.1570 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(118, 163, 116)` looks like.

```
.text, #text, p{  
    color:rgb(118, 163, 116)  
}
```

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(118, 163, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 163, 116) }
```

Border

The CSS property to change the border of an element to YIQ 144.1870, -11.7330, -24.1570 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(118, 163, 116) }
```


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

```
.border{ border-color:rgb(118, 163, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 163, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 163, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 163, 116);  
box-shadow:4px 4px 4px 4px rgb(118, 163,  
116) }
```

Background

The CSS property to change the background color of an element to YIQ 144.1870, -11.7330, -24.1570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 163, 116) }
```

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

```
.background{ background-color: rgb(118,  
163, 116) }
```

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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