

Converting Colors

YIQ(144.9380, 1.4290, -42.4350)

Have a look what the booklet for
YIQ(144.9380, 1.4290, -42.4350)
contains.

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Color

**YIQ(144.9380, 1.4290,
-42.4350)**

Conversions

Conversions Part 1

Format	Color
Hex	78AC47
RGB	120, 172, 71
RGB Percent	47%, 67%, 28%
CMY	0.5296, 0.3254, 0.7215
CMYK	0.30, 0.00, 0.59, 0.33
HSL	91°, 42%, 48%
HSV	91°, 59%, 67%
XYZ	23.6338, 33.9581, 11.2738
YIQ	144.9380, 1.4290, -42.4350

Conversions

Conversions Part 2

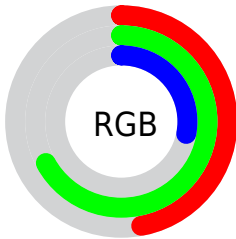
Format	Color
RYB	71, 172, 123
Decimal	7908423
CIELab	64.93, -34.42, 45.62
CIElCh	65, 57.147, 127.035
Yxy	33.9581, 0.3432, 0.4931
Android (android.graphics.Color)	4286098503 (0xFF78AC47)
YUV	144.9380, -36.4514, -21.8706
Hunter-Lab	58.2736, -29.5853, 29.3211

Details

The YIQ color $144.9380, 1.4290, -42.4350$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $98.0620, -1.4290, 42.4350$, and the grayscale version is $145.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $200.1830, 2.1170, -43.8910$, and $91.8240, 1.7500, -42.7460$ is the 20% darker color. If you saturate the color by 10%, you get $140.3090, 1.5220, -49.6300$, and if you desaturate by 10%, it is $149.5670, 1.3360, -35.2400$.

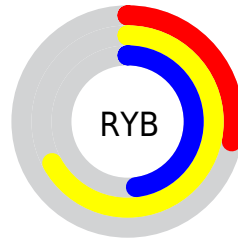
Distribution



Red (47%)

Green (67%)

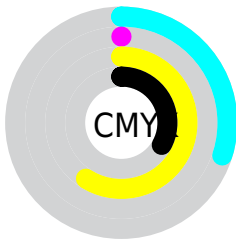
Blue (28%)



Red (28%)

Yellow (67%)

Blue (48%)

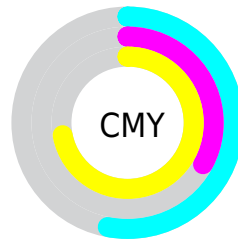


Cyan (30%)

Magenta (0%)

Yellow (59%)

Black (33%)



Cyan (53%)

Magenta (33%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 144.9380, 1.4290, -42.4350 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 144.9380, 1.4290, -42.4350 by changing the saturation by 10% instead.

■ 144.9380, 1.4290,
-42.4350

■ 144.9380, 1.4290,
-42.4350

■ 255.0000, -0.0000,
-0.0000

■ 118.0520, 1.1080,
-42.1240

■ 200.1830, 2.1170,
-43.8910

■ 91.8240, 1.7500,
-42.7460

■ 227.4820, 2.7130,
-43.6790

■ 67.1380, -2.0100,
-40.6820

■ 239.2310, 11.3300,
-29.1340

■ 44.0800, -13.2900,
-34.4900

■ 249.3000, 16.0500,
-15.5500

■ 27.5890, -12.9250,
-24.5810

■ 252.6060, 6.7410,
-6.5310

■ 15.2620, -7.1500,
-13.5980

■ 0.0000, 0.0000,

0.0000

■ 144.9380, 1.4290,
-42.4350

■ 144.9380, 1.4290,
-42.4350

■ 140.3090, 1.5220,
-49.6300

■ 149.5670, 1.3360,
-35.2400

■ 135.6800, 1.6150,
-56.8250

■ 154.1960, 1.2430,
-28.0450

■ 130.9370, 2.0290,
-64.3310

■ 158.9390, 0.8290,
-20.5390

■ 126.3080, 2.1220,
-71.5260

■ 163.2690, 0.1400,
-13.5560

■ 125.7810, 2.1680,
-72.3600

■ 167.8980, 0.0470,
-6.3610

■ 172.5270, -0.0460,
0.8340

■ 177.1560, -0.1390,
8.0290

■ 181.8990, -0.5530,
15.5350

■ 186.5280, -0.6460,
22.7300

Harmonies

Analogous

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



150.8310, 44.5710, -31.3410



144.9380, 1.4290, -42.4350



126.0600, -72.4320, -52.9760

Triad

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



144.9380, 1.4290, -42.4350



130.1650, -128.1460, -12.4180



156.9640, 71.8840, 40.8760

Complementary

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



144.9380, 1.4290, -42.4350



98.0620, -1.4290, 42.4350

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.



160.8960, 40.2010, 47.8890



144.9380, 1.4290, -42.4350



145.7250, -79.0920, 12.6840

Square

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



144.9380, 1.4290, -42.4350



131.0990, -119.7530, -26.8650



161.5770, -10.3690, 39.2550



155.5680, 80.9660, 19.4460

Rectangle

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



144.9380, 1.4290, -42.4350



124.0480, -98.5210, -48.2250



161.5770, -10.3690, 39.2550



158.4070, 63.4470, 45.1030

Sweetspot

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



144.9380, 1.4290, -42.4350



213.4600, 0.9200, -16.6800



131.1360, 46.1710, -5.2610



105.3770, -0.0440, -10.2200



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.



144.9380, 1.4290, -42.4350



181.8830, 2.1210, -65.9990



130.2870, -27.7750, -52.8230



84.4790, -0.0910, -3.8590



109.8770, 2.2580, -62.9740



16.7900, 0.2310, -9.6970

Inverse Universe

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



98.0620, -1.4290, 42.4350



109.1170, -2.1210, 65.9990



112.7130, 27.7750, 52.8230



80.2220, -0.5050, 3.6470



40.4220, -1.6620, 63.1860



6.2100, -0.2310, 9.6970

Previews

White Background



This preview shows how the YIQ color 144.9380, 1.4290, -42.4350 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 144.9380, 1.4290, -42.4350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

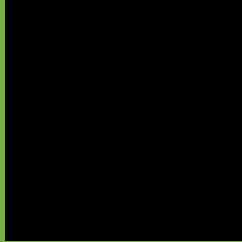
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 144.9380, 1.4290, -42.4350

Background



This preview shows how black text looks on a background with the YIQ color 144.9380, 1.4290, -42.4350.



This preview shows how white text looks on a background with the YIQ color 144.9380, 1.4290, -42.4350.

-42.4350.

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

144.9380, 1.4290, -42.4350

Protanopia

152.1220, 39.6180, -24.1740

Deuteranopia

153.9480, 49.3360, -13.0640



Tritanopia

154.7080, -19.6690, -1.4690

Trichromacy



Original Color

144.9380, 1.4290, -42.4350

Protanomaly

149.1910, 26.0020, -30.7180

Deuteranomaly

150.3430, 31.6860, -23.5940

Tritanomaly

151.3430, -11.8720, -16.1280

Monochromacy



Original Color

144.9380, 1.4290, -42.4350

Achromatopsia

145.0000, 0.0000, -0.0000

Achromatomaly

145.1010, 0.5530, -15.5350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 144.9380, 1.4290, -42.4350 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(120, 172, 71)` looks like.

```
.text, #text, p{  
    color:rgb(120, 172, 71)  
}
```

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(120, 172, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 172, 71) }
```

Border

The CSS property to change the border of an element to YIQ 144.9380, 1.4290, -42.4350 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(120, 172, 71) }
```


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

```
.border{ border-color:rgb(120, 172, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 172, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 172, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 172, 71);  
box-shadow:4px 4px 4px 4px rgb(120, 172,  
71) }
```

Background

The CSS property to change the background color of an element to YIQ 144.9380, 1.4290, -42.4350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 172, 71) }
```

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

```
.background{ background-color: rgb(120,  
172, 71) }
```

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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