

Converting Colors

YIQ(140.8990, -2.8350,
-42.2510)

Have a look what the booklet for
YIQ(140.8990, -2.8350, -42.2510)
contains.

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Color

**YIQ(140.8990, -2.8350,
-42.2510)**

Conversions

Conversions Part 1

Format	Color
Hex	70A948
RGB	112, 169, 72
RGB Percent	44%, 66%, 28%
CMY	0.5610, 0.3371, 0.7176
CMYK	0.34, 0.00, 0.57, 0.34
HSL	95°, 40%, 47%
HSV	95°, 57%, 66%
XYZ	22.0383, 32.2943, 11.2056
YIQ	140.8990, -2.8350, -42.2510

Conversions

Conversions Part 2

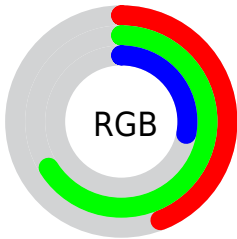
Format	Color
RYB	72, 169, 129
Decimal	7383368
CIELab	63.59, -35.87, 43.49
CIElCh	64, 56.373, 129.512
Yxy	32.2943, 0.3363, 0.4928
Android (android.graphics.Color)	4285573448 (0xFF70A948)
YUV	140.8990, -33.9672, -25.3444
Hunter-Lab	56.8281, -30.2256, 28.0886

Details

The YIQ color **140.8990, -2.8350, -42.2510** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **100.1010, 2.8350, 42.2510**, and the grayscale version is **141.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **196.1440, -2.1470, -43.7070**, and **88.0130, -3.1560, -41.9400** is the 20% darker color. If you saturate the color by 10%, you get **135.9710, -3.3380, -49.6580**, and if you desaturate by 10%, it is **145.8270, -2.3320, -34.8440**.

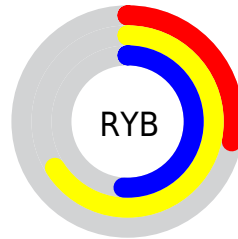
Distribution



Red (44%)

Green (66%)

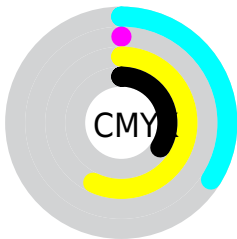
Blue (28%)



Red (28%)

Yellow (66%)

Blue (51%)

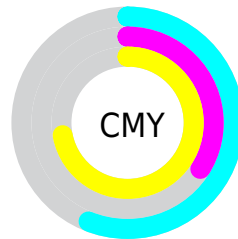


Cyan (34%)

Magenta (0%)

Yellow (57%)

Black (34%)



Cyan (56%)

Magenta (34%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 140.8990, -2.8350, -42.2510 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 140.8990, -2.8350, -42.2510 by changing the saturation by 10% instead.


 140.8990, -2.8350,
-42.2510


 140.8990, -2.8350,
-42.2510


255.0000, -0.0000,
-0.0000

 114.1270, -3.4770,
-41.6290


 196.1440, -2.1470,
-43.7070


 88.0130, -3.1560,
-41.9400


 223.9160, -1.5050,
-44.3290


 62.6860, -6.5490,
-41.0210


 236.6540, 5.6450,
-30.7310

 39.3290, -18.4250,
-35.0410

 248.8160, 14.5370,
-15.6630

 26.4150, -12.3750,
-23.5350

 252.6060, 6.7410,
-6.5310

 12.3270, -5.7750,
-10.9830

 0.0000, 0.0000,

0.0000

■ 140.8990, -2.8350,
-42.2510

■ 140.8990, -2.8350,
-42.2510

■ 135.9710, -3.3380,
-49.6580

■ 145.8270, -2.3320,
-34.8440

■ 131.0430, -3.8410,
-57.0650

■ 150.7550, -1.8290,
-27.4370

■ 126.1150, -4.3440,
-64.4720

■ 155.6830, -1.3260,
-20.0300

■ 121.1870, -4.8470,
-71.8790

■ 160.6110, -0.8230,
-12.6230

■ 120.1330, -4.7550,
-73.5470

■ 165.5390, -0.3200,
-5.2160

■ 170.3530, 0.5040,
1.8800

■ 175.2810, 1.0070,
9.2870

■ 180.2090, 1.5100,
16.6940

■ 184.8380, 1.4170,
23.8890

Harmonies

Analogous

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



147.1510, 40.6740, -32.3020



140.8990, -2.8350, -42.2510



116.6500, -85.9570, -55.6610

Triad

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



140.8990, -2.8350, -42.2510



127.4750, -126.0830, -11.2590



152.9100, 71.9760, 39.2080

Complementary

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



140.8990, -2.8350, -42.2510



100.1010, 2.8350, 42.2510

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.



157.0380, 42.6770, 47.0690



140.8990, -2.8350, -42.2510



145.2530, -71.7110, 16.5850

Square

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



140.8990, -2.8350, -42.2510



128.6370, -118.3320, -25.0840



158.3280, -5.2340, 39.8060



152.2040, 78.9950, 16.6190

Rectangle

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



140.8990, -2.8350, -42.2510



121.8140, -97.7420, -45.8220



158.3280, -5.2340, 39.8060



153.9510, 64.7310, 43.8590

Sweetspot

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



140.8990, -2.8350, -42.2510



208.2040, -1.2350, -16.1710



134.4620, 42.1370, -9.2470



103.6050, -0.6860, -9.5980



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



140.8990, -2.8350, -42.2510



175.1750, -4.5730, -65.8290



129.8510, -29.2430, -48.2430



81.5930, -0.4120, -3.5480



105.1150, -4.3440, -64.4720



14.1320, -0.7320, -8.7640

Inverse Universe

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



100.1010, 2.8350, 42.2510



111.8250, 4.5730, 65.8290



111.1490, 29.2430, 48.2430



78.4070, 0.4120, 3.5480



42.8850, 4.3440, 64.4720



5.8680, 0.7320, 8.7640

Previews

White Background



This preview shows how the YIQ color 140.8990, -2.8350, -42.2510 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 140.8990, -2.8350, -42.2510 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 140.8990, -2.8350, -42.2510

Background



This preview shows how black text looks on a background with the YIQ color 140.8990, -2.8350, -42.2510.



This preview shows how white text looks on a background with the YIQ color 140.8990, -2.8350,

-42.2510.

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

140.8990, -2.8350, -42.2510

Protanopia

148.8660, 37.4630, -23.6650

Deuteranopia

150.8060, 46.8600, -12.2440



Tritanopia

150.8000, -22.9240, -3.0520

Trichromacy



Original Color

140.8990, -2.8350, -42.2510

Protanomaly

145.7500, 22.9300, -30.1100

Deuteranomaly

146.9020, 28.6140, -22.9860

Tritanomaly

147.5490, -15.4480, -17.4000

Monochromacy



Original Color

140.8990, -2.8350, -42.2510

Achromatopsia

141.0000, -0.0000, -0.0000

Achromatomaly

140.7310, -1.2810, -15.3370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.8990, -2.8350, -42.2510 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(112, 169, 72)` looks like.

```
.text, #text, p{  
    color:rgb(112, 169, 72)  
}
```

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(112, 169, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 169, 72) }
```

Border

The CSS property to change the border of an element to YIQ 140.8990, -2.8350, -42.2510 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(112, 169, 72) }
```


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

```
.border{ border-color:rgb(112, 169, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 169, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 169, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 169, 72);  
box-shadow:4px 4px 4px 4px rgb(112, 169,  
72) }
```

Background

The CSS property to change the background color of an element to YIQ 140.8990, -2.8350, -42.2510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 169, 72) }
```

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

```
.background{ background-color: rgb(112,  
169, 72) }
```

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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