

Converting Colors

YIQ(142.4070, -9.8970,
-35.4090)

Have a look what the booklet for
YIQ(142.4070, -9.8970, -35.4090)
contains.

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Color

**YIQ(142.4070, -9.8970,
-35.4090)**

Conversions

Conversions Part 1

Format	Color
Hex	6FA85D
RGB	111, 168, 93
RGB Percent	44%, 66%, 36%
CMY	0.5649, 0.3411, 0.6353
CMYK	0.34, 0.00, 0.45, 0.34
HSL	106°, 30%, 51%
HSV	106°, 45%, 66%
XYZ	22.5327, 32.1809, 15.3810
YIQ	142.4070, -9.8970, -35.4090

Conversions

Conversions Part 2

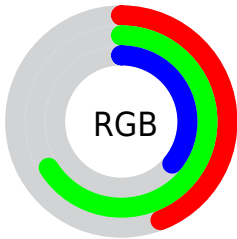
Format	Color
RYB	93, 168, 150
Decimal	7317597
CIELab	63.49, -33.19, 32.89
CIELCh	63, 46.726, 135.252
Yxy	32.1809, 0.3215, 0.4591
Android (android.graphics.Color)	4285507677 (0xFF6FA85D)
YUV	142.4070, -24.3577, -27.5439
Hunter-Lab	56.7282, -28.3734, 23.6342

Details

The YIQ color **142.4070, -9.8970, -35.4090** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **118.5930, 9.8970, 35.4090**, and the grayscale version is **143.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **197.2390, -9.4840, -37.3880**, and **90.2760, -10.9060, -33.6420** is the 20% darker color. If you saturate the color by 10%, you get **136.5820, -12.1880, -43.4520**, and if you desaturate by 10%, it is **148.2320, -7.6060, -27.3660**.

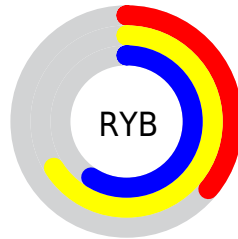
Distribution



Red (44%)

Green (66%)

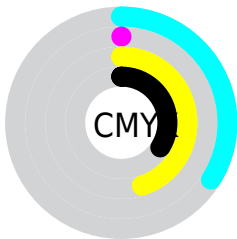
Blue (36%)



Red (36%)

Yellow (66%)

Blue (59%)

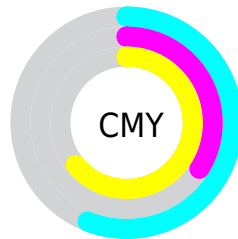


Cyan (34%)

Magenta (0%)

Yellow (45%)

Black (34%)



Cyan (56%)


Magenta (34%)


Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 142.4070, -9.8970, -35.4090 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 142.4070, -9.8970, -35.4090 by changing the saturation by 10% instead.


 142.4070, -9.8970,
-35.4090


 142.4070, -9.8970,
-35.4090


255.0000, -0.0000,
-0.0000

 115.9340, -9.9430,
-34.5750


 197.2390, -9.4840,
-37.3880


 90.2760, -10.9060,
-33.6420


 225.1250, -9.1630,
-37.6990


 65.6780, -12.0980,
-34.0660

 238.4500, -2.2880,
-24.6240

 38.7420, -18.1500,
-34.5180

 250.3130, 6.0080,
-9.7680

 25.8280, -12.1000,
-23.0120

 12.3270, -5.7750,
-10.9830

 0.0000, 0.0000,

0.0000

■ 142.4070, -9.8970,
-35.4090

■ 142.4070, -9.8970,
-35.4090

■ 136.5820,
-12.1880, -43.4520

■ 148.2320, -7.6060,
-27.3660

■ 130.7570,
-14.4790, -51.4950

■ 154.0570, -5.3150,
-19.3230

■ 125.3450,
-16.4950, -59.0150

■ 159.4690, -3.2990,
-11.8030

■ 119.5200,
-18.7860, -67.0580

■ 165.2940, -1.0080,
-3.7600

■ 113.6950,
-21.0770, -75.1010

■ 171.1190, 1.2830,
4.2830

■ 110.5760,
-22.3600, -79.3840

■ 176.9440, 3.5740,
12.3260

■ 182.4700, 5.2690,
20.1570

■ 188.1810, 7.8810,
27.8890

■ 194.0060, 10.1720,
35.9320

Harmonies

Analogous

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



147.9680, 28.2480, -27.3680



142.4070, -9.8970, -35.4090



129.0320, -66.0610, -41.7810

Triad

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



142.4070, -9.8970, -35.4090



122.9440, -120.2140, -12.9980



154.4970, 62.5330, 28.6210

Complementary

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



142.4070, -9.8970, -35.4090



118.5930, 9.8970, 35.4090

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.



156.8710, 41.3490, 38.0930



142.4070, -9.8970, -35.4090



152.0900, -43.3310, 19.8770

Square

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



142.4070, -9.8970, -35.4090



125.1320, -115.3520, -24.0240



157.9560, 4.4410, 35.1690



153.3440, 66.6170, 9.6650

Rectangle

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



142.4070, -9.8970, -35.4090



120.9650, -99.4850, -41.7650



157.9560, 4.4410, 35.1690



155.2070, 57.7180, 33.2860

Sweetspot

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



142.4070, -9.8970, -35.4090



209.5290, -3.5280, -13.1600



148.2970, 29.3000, -13.3880



103.7620, -2.5660, -8.5660



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.



142.4070, -9.8970, -35.4090



178.6380, -15.7620, -55.7780



139.1910, -26.7240, -33.3160



81.2940, -1.0080, -3.7600



97.3410, -19.8400, -69.9840



13.2350, -2.5200, -9.4000

Inverse Universe

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



118.5930, 9.8970, 35.4090



141.3620, 15.7620, 55.7780



121.8090, 26.7240, 33.3160



78.7060, 1.0080, 3.7600



50.6590, 19.8400, 69.9840



7.0640, 3.1160, 9.6120

Previews

White Background



This preview shows how the YIQ color 142.4070, -9.8970, -35.4090 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 142.4070, -9.8970, -35.4090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

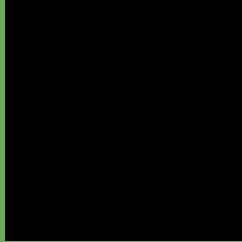
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 142.4070, -9.8970, -35.4090

Background



This preview shows how black text looks on a background with the YIQ color 142.4070, -9.8970, -35.4090.



This preview shows how white text looks on a background with the YIQ color 142.4070, -9.8970, -35.4090.

-35.4090.

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

142.4070, -9.8970, -35.4090

Protanopia

150.0750, 29.8050, -17.0350

Deuteranopia

151.8900, 38.0560, -6.8720



Tritanopia

150.0170, -25.0330, -3.3770

Trichromacy



Original Color

142.4070, -9.8970, -35.4090

Protanomaly

146.9590, 15.2720, -23.4800

Deuteranomaly

148.2850, 20.4060, -17.4020

Tritanomaly

146.9770, -19.5290, -15.0250

Monochromacy



Original Color

142.4070, -9.8970, -35.4090

Achromatopsia

142.0000, -0.0000, -0.0000

Achromatomaly

141.9420, -3.2530, -12.6370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.4070, -9.8970, -35.4090 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(111, 168, 93)` looks like.

```
.text, #text, p{  
    color:rgb(111, 168, 93)  
}
```

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(111, 168, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 168, 93) }
```

Border

The CSS property to change the border of an element to YIQ 142.4070, -9.8970, -35.4090 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(111, 168, 93) }
```


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

```
.border{ border-color:rgb(111, 168, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 168, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 168, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 168, 93);  
box-shadow:4px 4px 4px 4px rgb(111, 168,  
93) }
```

Background

The CSS property to change the background color of an element to YIQ 142.4070, -9.8970, -35.4090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 168, 93) }
```

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

```
.background{ background-color: rgb(111,  
168, 93) }
```

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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