

Converting Colors

YIQ(131.9570, -35.1130,
-40.9770)

Have a look what the booklet for
YIQ(131.9570, -35.1130, -40.9770)
contains.

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Color

**YIQ(131.9570, -35.1130,
-40.9770)**

Conversions

Conversions Part 1

Format	Color
Hex	49A865
RGB	73, 168, 101
RGB Percent	29%, 66%, 40%
CMY	0.7140, 0.3410, 0.6040
CMYK	0.57, 0.00, 0.40, 0.34
HSL	138°, 39%, 47%
HSV	138°, 57%, 66%
XYZ	19.1003, 30.3729, 17.1621
YIQ	131.9570, -35.1130, -40.9770

Conversions

Conversions Part 2

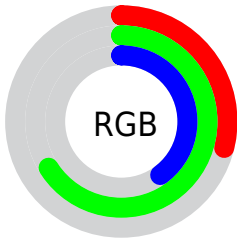
Format	Color
RYB	73, 146, 168
Decimal	4827237
CIELab	61.97, -43.23, 26.40
CIELCh	62, 50.656, 148.585
Yxy	30.3729, 0.2866, 0.4558
Android (android.graphics.Color)	4283017317 (0xFF49A865)
YUV	131.9570, -15.2618, -51.7053
Hunter-Lab	55.1116, -34.5816, 20.1149

Details

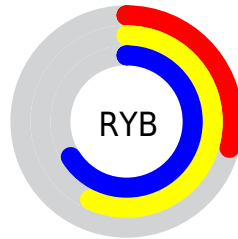
The YIQ color **131.9570, -35.1130, -40.9770** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **109.0430, 35.1130, 40.9770**, and the grayscale version is **132.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **187.5010, -33.8290, -42.2210**, and **73.5470, -48.6380, -43.6620** is the 20% darker color. If you saturate the color by 10%, you get **125.5060, -41.3930, -48.3130**, and if you desaturate by 10%, it is **138.4080, -28.8330, -33.6410**.

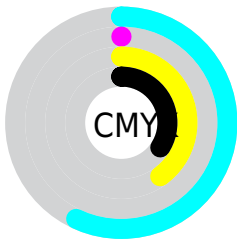
Distribution



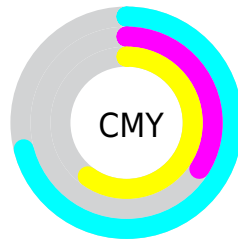
- Red (29%)
- Green (66%)
- Blue (40%)



- Red (29%)
- Yellow (57%)
- Blue (66%)



- Cyan (57%)
- Magenta (0%)
- Yellow (40%)
- Black (34%)



- Cyan (71%)
- Magenta (34%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 131.9570, -35.1130, -40.9770 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 131.9570, -35.1130, -40.9770 by changing the saturation by 10% instead.

■ 131.9570,
-35.1130, -40.9770

■ 131.9570,
-35.1130, -40.9770

■ 255.0000, -0.0000,
-0.0000

■ 104.2880,
-37.5430, -40.9910

■ 187.5010,
-33.8290, -42.2210

■ 73.5470, -48.6380,
-43.6620

■ 215.9740,
-33.7830, -43.0550

■ 56.2500, -34.3800,
-37.7400

■ 228.8970,
-25.7160, -29.5560

■ 38.9530, -20.1220,
-31.8180

■ 240.8740,
-17.7410, -14.3890

■ 25.2410, -11.8250,
-22.4890

■ 251.7110, -6.5560,
-2.3320

■ 7.6310, -3.5750,
-6.7990

■ 0.0000, 0.0000,

0.0000

■ 131.9570,
-35.1130, -40.9770

■ 131.9570,
-35.1130, -40.9770

■ 125.5060,
-41.3930, -48.3130

■ 138.4080,
-28.8330, -33.6410

■ 119.0550,
-47.6730, -55.6490

■ 144.8590,
-22.5530, -26.3050

■ 112.9030,
-53.3570, -62.7730

■ 151.0110,
-16.8690, -19.1810

■ 106.5660,
-59.9580, -69.7980

■ 157.3480,
-10.2680, -12.1560

■ 104.3160,
-62.2500, -72.3140

■ 163.7990, -3.9880,
-4.8200

■ 170.2500, 2.2920,
2.5160

■ 176.7010, 8.5720,
9.8520

■ 182.8530, 14.2560,
16.9760

■ 189.3040, 20.5360,
24.3120

Harmonies

Analogous

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



141.0260, 13.1650, -34.8590



131.9570, -35.1130, -40.9770



117.6080, -94.1660, -44.5500

Triad

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



131.9570, -35.1130, -40.9770



132.2840, -91.3320, 3.2280



149.0000, 71.0620, 22.7260

Complementary

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



131.9570, -35.1130, -40.9770



109.0430, 35.1130, 40.9770

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.



151.4830, 57.1210, 38.6010



131.9570, -35.1130, -40.9770



151.9510, -23.5260, 29.8980

Square

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



131.9570, -35.1130, -40.9770



123.2060, -118.1960, -16.5320



154.1820, 24.4760, 41.0200



148.0200, 67.1690, -0.3430

Rectangle

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



131.9570, -35.1130, -40.9770



121.1420, -104.1170, -34.9090



154.1820, 24.4760, 41.0200



149.5470, 68.2640, 29.3840

Sweetspot

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



131.9570, -35.1130, -40.9770



204.9730, -13.7060, -15.9300



149.0970, 14.4030, -35.2690



101.5980, -7.9760, -9.6400



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.



131.9570, -35.1130, -40.9770



162.4790, -55.0990, -64.2430



137.2010, -49.8790, -26.6710



80.9240, -2.8420, -3.5620



91.8920, -54.8240, -63.7200



12.4240, -7.4260, -8.5940

Inverse Universe

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



109.0430, 35.1130, 40.9770



126.5210, 55.0990, 64.2430



103.7990, 49.8790, 26.6710



79.0760, 2.8420, 3.5620



56.1080, 54.8240, 63.7200



7.5760, 7.4260, 8.5940

Previews

White Background



This preview shows how the YIQ color 131.9570, -35.1130, -40.9770 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 131.9570, -35.1130, -40.9770 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 131.9570, -35.1130, -40.9770 Background



This preview shows how black text looks on a background with the YIQ color 131.9570, -35.1130, -40.9770.



This preview shows how white text looks on a background with the YIQ color 131.9570, -35.1130, -40.9770.

-40.9770.

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

131.9570, -35.1130, -40.9770

Protanopia

146.5030, 25.7240, -14.6600

Deuteranopia

148.4750, 32.0950, -3.4650



Tritanopia

141.0360, -44.3800, -10.6840

Trichromacy



Original Color

131.9570, -35.1130, -40.9770

Protanomaly

141.3860, 3.7640, -24.1720

Deuteranomaly

142.1680, 7.6140, -16.8500

Tritanomaly

137.7400, -41.0310, -21.8230

Monochromacy



Original Color

131.9570, -35.1130, -40.9770

Achromatopsia

132.0000, -0.0000, -0.0000

Achromatomaly

132.0980, -12.5600, -14.6720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 131.9570, -35.1130, -40.9770 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(73, 168, 101)` looks like.

```
.text, #text, p{  
    color:rgb(73, 168, 101)  
}
```

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(73, 168, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 168, 101) }
```

Border

The CSS property to change the border of an element to YIQ 131.9570, -35.1130, -40.9770 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(73, 168, 101) }
```


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

```
.border{ border-color:rgb(73, 168, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 168, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 168, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 168, 101);  
box-shadow:4px 4px 4px 4px rgb(73, 168,  
101) }
```

Background

The CSS property to change the background color of an element to YIQ 131.9570, -35.1130, -40.9770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 168, 101) }
```

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

```
.background{ background-color: rgb(73, 168,  
101) }
```

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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