

Converting Colors

YIQ(149.5370, -14.0330,
17.5430)

Have a look what the booklet for
YIQ(149.5370, -14.0330, 17.5430)
contains.

YIQ(149.5370, -14.0330, 17.5430)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(149.5370, -14.0330,
17.5430)**

Conversions

Conversions Part 1

Format	Color
Hex	938EC3
RGB	147, 142, 195
RGB Percent	58%, 56%, 76%
CMY	0.4235, 0.4431, 0.2354
CMYK	0.25, 0.27, 0.00, 0.24
HSL	246°, 31%, 66%
HSV	246°, 27%, 76%
XYZ	31.5549, 29.4885, 55.6439
YIQ	149.5370, -14.0330, 17.5430

Conversions

Conversions Part 2

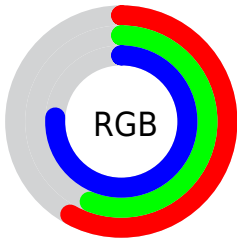
Format	Color
RYB	147, 142, 195
Decimal	9670339
CIELab	61.21, 13.41, -26.78
CIELCh	61, 29.950, 296.603
Yxy	29.4885, 0.2704, 0.2527
Android (android.graphics.Color)	4287860419 (0xFF938EC3)
YUV	149.5370, 22.4133, -2.2249
Hunter-Lab	54.3033, 8.6930, -22.7413

Details

The YIQ color $149.5370, -14.0330, 17.5430$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $187.4630, 14.0330, -17.5430$, and the grayscale version is $149.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $204.1780, -14.4000, 18.6880$, and $98.4830, -13.9410, 15.8750$ is the 20% darker color. If you saturate the color by 10%, you get $133.0020, -19.5360, 23.6640$, and if you desaturate by 10%, it is $166.0720, -8.5300, 11.4220$.

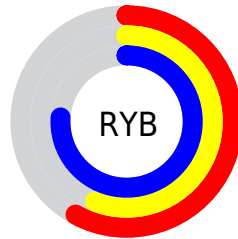
Distribution



Red (58%)

Green (56%)

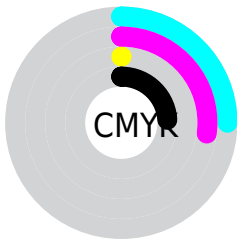
Blue (76%)



Red (58%)

Yellow (56%)

Blue (76%)

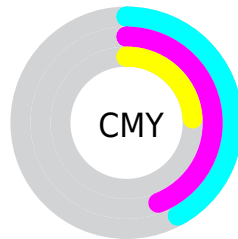


Cyan (25%)

Magenta (27%)

Yellow (0%)

Black (24%)



Cyan (42%)

Magenta (44%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.5370, -14.0330, 17.5430 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 149.5370, -14.0330, 17.5430 by changing the saturation by 10% instead.

■ 149.5370,
-14.0330, 17.5430

■ 149.5370,
-14.0330, 17.5430

■ 255.0000, -0.0000,
-0.0000

■ 123.4230,
-13.7120, 17.2320

■ 204.1780,
-14.4000, 18.6880

■ 98.4830, -13.9410,
15.8750

■ 229.3280, -6.3750,
10.9130

■ 73.9560, -13.8950,
15.0410

■ 253.2390, 0.8250,
1.5690

■ 51.1300, -14.4450,
13.9950

■ 29.4780, -15.5450,
11.9030

■ 5.7280, -13.2530,
14.4190

■ 3.2090, -7.6580,

6.6300

■ 0.0000, 0.0000,
0.0000

■ 149.5370,
-14.0330, 17.5430

■ 149.5370,
-14.0330, 17.5430

■ 133.0020,
-19.5360, 23.6640

■ 166.0720, -8.5300,
11.4220

■ 116.1790,
-24.1680, 30.5200

■ 182.8950, -3.8980,
4.5660

■ 99.6440, -29.6710,
36.6410

■ 199.4300, 1.6050,
-1.5550

■ 82.5220, -34.8990,
43.2850

■ 216.5520, 6.8330,
-8.1990

■ 66.2860, -39.8060,
49.6180

■ 232.7880, 11.7400,
-14.5320

■ 49.1640, -45.0340,
56.2620

■ 247.5620, 18.0680,
-19.0840

■ 32.6290, -50.5370,
62.3830

■ 248.1600, 19.2600,
-18.6600

■ 27.6120, -51.8670,
64.4610

Harmonies

Analogous

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



143.4300, -41.9530, 5.9110



149.5370, -14.0330, 17.5430



151.7700, 13.2920, 23.4360

Triad

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



149.5370, -14.0330, 17.5430



148.1990, 41.8600, 1.2840



135.1310, -43.6900, -23.1940

Complementary

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



149.5370, -14.0330, 17.5430



187.4630, 14.0330, -17.5430

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.



139.9740, -15.4470, -22.9270



149.5370, -14.0330, 17.5430



146.4760, 30.3540, -10.4620

Square

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



149.5370, -14.0330, 17.5430



149.7730, 43.6000, 13.8080



143.3700, 9.8610, -19.0270



131.3320, -66.0650, -19.6730

Rectangle

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



149.5370, -14.0330, 17.5430



151.4850, 27.2760, 23.3080



143.3700, 9.8610, -19.0270



136.5080, -34.5660, -23.3500

Sweetspot

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



149.5370, -14.0330, 17.5430



234.8780, -5.2280, 6.6440



176.8050, -30.4880, -9.1440



116.7810, -3.5770, 4.2550



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



149.5370, -14.0330, 17.5430



180.8540, -21.8750, 27.5090



157.3110, 1.4630, 23.0550



88.4390, -2.6140, 3.3220



22.8390, -42.7410, 53.2510



4.6590, -8.8050, 10.8990

Inverse Universe

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



163.3190, 16.1800, 26.1640



202.4810, 25.0720, 41.2320



179.6890, -1.4630, -23.0550



91.0160, 3.0710, 4.9190



64.6690, 49.4110, 79.2270



13.2870, 10.0380, 16.3260

Previews

White Background



This preview shows how the YIQ color 149.5370, -14.0330, 17.5430 looks on a white background.

Color Contrast Check

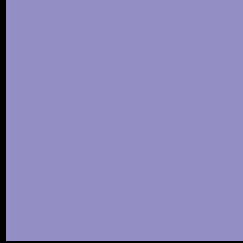
Large Text (above 18pt) WCAG AA ✓ Pass

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 149.5370, -14.0330, 17.5430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

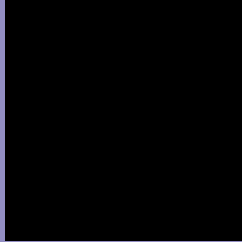
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 149.5370, -14.0330, 17.5430

Background



This preview shows how black text looks on a background with the YIQ color 149.5370, -14.0330, 17.5430.



This preview shows how white text looks on a background with the YIQ color 149.5370, -14.0330, 17.5430.

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

149.5370, -14.0330, 17.5430

Protanopia

148.0410, -24.4400, 13.4160

Deuteranopia

148.1940, -20.4970, 13.5430



Tritanopia

147.5630, -8.8950, 1.5130

Trichromacy



Original Color

149.5370, -14.0330, 17.5430

Protanomaly

148.8350, -20.8640, 14.6880

Deuteranomaly

148.8030, -17.8380, 14.9140

Tritanomaly

148.1810, -10.4550, 7.7610

Monochromacy



Original Color

149.5370, -14.0330, 17.5430

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

149.7640, -4.9070, 6.3330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.5370, -14.0330, 17.5430 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(147, 142, 195)` looks like.

```
.text, #text, p{  
    color:rgb(147, 142, 195)  
}
```

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(147, 142, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 142, 195) }
```

Border

The CSS property to change the border of an element to YIQ 149.5370, -14.0330, 17.5430 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(147, 142, 195) }
```


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

```
.border{ border-color:rgb(147, 142, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 142, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 142, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 142, 195);  
box-shadow:4px 4px 4px 4px rgb(147, 142,  
195) }
```

Background

The CSS property to change the background color of an element to YIQ 149.5370, -14.0330, 17.5430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 142, 195) }
```

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

```
.background{ background-color: rgb(147,  
142, 195) }
```

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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