

Converting Colors

YIQ(149.3680, -21.0470,
12.4970)

Have a look what the booklet for
YIQ(149.3680, -21.0470, 12.4970)
contains.

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Color

**YIQ(149.3680, -21.0470,
12.4970)**

Conversions

Conversions Part 1

Format	Color
Hex	8993C2
RGB	137, 147, 194
RGB Percent	54%, 58%, 76%
CMY	0.4627, 0.4235, 0.2393
CMYK	0.29, 0.24, 0.00, 0.24
HSL	229°, 32%, 65%
HSV	229°, 29%, 76%
XYZ	30.4853, 30.0809, 55.2204
YIQ	149.3680, -21.0470, 12.4970

Conversions

Conversions Part 2

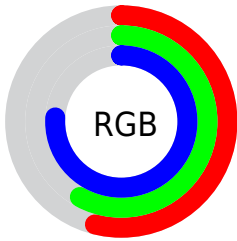
Format	Color
RYB	137, 146, 194
Decimal	9016258
CIELab	61.72, 7.24, -25.49
CIElCh	62, 26.495, 285.861
Yxy	30.0809, 0.2633, 0.2598
Android (android.graphics.Color)	4287206338 (0xFF8993C2)
YUV	149.3680, 22.0036, -10.8467
Hunter-Lab	54.8461, 3.2357, -21.3024

Details

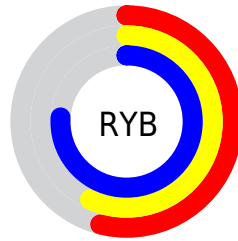
The YIQ color $149.3680, -21.0470, 12.4970$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $181.6320, 21.0470, -12.4970$, and the grayscale version is $149.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $203.7100, -22.0100, 13.4300$, and $98.3140, -20.9550, 10.8290$ is the 20% darker color. If you saturate the color by 10%, you get $134.2950, -27.9710, 16.8370$, and if you desaturate by 10%, it is $164.4410, -14.1230, 8.1570$.

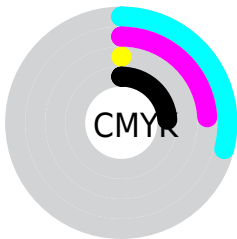
Distribution



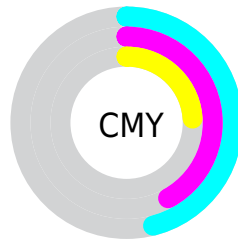
- Red (54%)
- Green (58%)
- Blue (76%)



- Red (54%)
- Yellow (57%)
- Blue (76%)



- Cyan (29%)
- Magenta (24%)
- Yellow (0%)
- Black (24%)



- Cyan (46%)
- Magenta (42%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.3680, -21.0470, 12.4970 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 149.3680, -21.0470, 12.4970 by changing the saturation by 10% instead.

■ 149.3680,
-21.0470, 12.4970

■ 149.3680,
-21.0470, 12.4970

■ 255.0000, -0.0000,
-0.0000

■ 123.2540,
-20.7260, 12.1860

■ 203.7100,
-22.0100, 13.4300

■ 98.3140, -20.9550,
10.8290

■ 229.2730,
-13.7100, 6.1780

■ 74.2000, -20.6340,
10.5180

■ 253.2060, -3.5760,
-1.2720

■ 50.9610, -21.4590,
8.9490

■ 27.5260, -24.6680,
6.5320

■ 7.3640, -15.2240,
11.5920

■ 3.0950, -7.3370,

6.3190

■ 0.0000, 0.0000,
0.0000

■ 149.3680,
-21.0470, 12.4970

■ 149.3680,
-21.0470, 12.4970

■ 134.2950,
-27.9710, 16.8370

■ 164.4410,
-14.1230, 8.1570

■ 118.9230,
-35.4910, 20.9650

■ 179.8130, -6.6030,
4.0290

■ 103.8500,
-42.4150, 25.3050

■ 194.8860, 0.3210,
-0.3110

■ 88.4780, -49.9350,
29.4330

■ 210.2580, 7.8410,
-4.4390

■ 73.4050, -56.8590,
33.7730

■ 225.3310, 14.7650,
-8.7790

■ 58.3320, -63.7830,
38.1130

■ 240.4040, 21.6890,
-13.1190

■ 42.9600, -71.3030,
42.2410

■ 248.0460, 19.5810,
-18.9710

■ 42.0740, -71.6240,
42.5520

Harmonies

Analogous

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



143.8980, -43.5110, 1.1050



149.3680, -21.0470, 12.4970



152.5730, 3.4810, 19.5210

Triad

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



149.3680, -21.0470, 12.4970



150.1650, 39.2000, 5.4400



140.0250, -28.6520, -20.3960

Complementary

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



149.3680, -21.0470, 12.4970



181.6320, 21.0470, -12.4970

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.



143.9430, -4.9940, -19.6340



149.3680, -21.0470, 12.4970



149.0080, 31.9120, -5.6560

Square

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



149.3680, -21.0470, 12.4970



151.7060, 36.5390, 15.1230



146.8270, 16.0040, -14.7160



136.7700, -49.7430, -18.1190

Rectangle

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



149.3680, -21.0470, 12.4970



152.6410, 17.9690, 21.2730



146.8270, 16.0040, -14.7160



140.9180, -21.0410, -20.6650

Sweetspot

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



149.3680, -21.0470, 12.4970



234.8560, -8.1620, 4.7500



175.8170, -30.7620, -15.1940



116.4710, -5.6400, 3.0960



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.



149.3680, -21.0470, 12.4970



183.4240, -32.6480, 19.0000



148.8800, -7.5690, 21.5430



89.3140, -3.7600, 2.0640



34.7900, -59.3810, 35.4270



7.2840, -12.2430, 7.1250

Inverse Universe

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



155.1830, 30.7620, 15.1940



192.1360, 47.3120, 23.6320



182.1200, 7.5690, -21.5430



90.2180, 5.3180, 2.7420



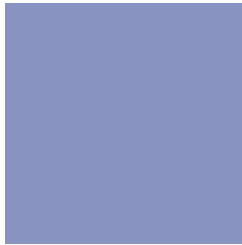
51.3310, 86.9680, 42.8400



10.5510, 17.7420, 8.8620

Previews

White Background



This preview shows how the YIQ color 149.3680, -21.0470, 12.4970 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 149.3680, -21.0470, 12.4970 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 149.3680, -21.0470, 12.4970

Background



This preview shows how black text looks on a background with the YIQ color 149.3680, -21.0470, 12.4970.



This preview shows how white text looks on a background with the YIQ color 149.3680, -21.0470, 12.4970.

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

149.3680, -21.0470, 12.4970

Protanopia

149.0690, -21.6430, 12.2850

Deuteranopia

149.3790, -19.5800, 13.4440



Tritanopia

147.2030, -16.6890, -0.4090

Trichromacy



Original Color

149.3680, -21.0470, 12.4970

Protanomaly

149.0690, -21.6430, 12.2850

Deuteranomaly

149.0800, -20.1760, 13.2320

Tritanomaly

147.8810, -18.4780, 4.4820

Monochromacy



Original Color

149.3680, -21.0470, 12.4970

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

149.0410, -7.2450, 4.6510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.3680, -21.0470, 12.4970 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(137, 147, 194)` looks like.

```
.text, #text, p{  
    color:rgb(137, 147, 194)  
}
```

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(137, 147, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 147, 194) }
```

Border

The CSS property to change the border of an element to YIQ 149.3680, -21.0470, 12.4970 is called "border". The border property can be set on classes, ids or directly on the HTML element.

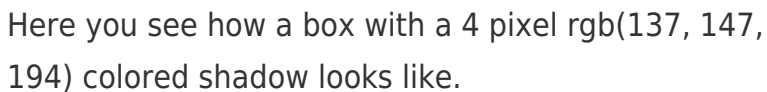
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 147, 194) }
```


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

```
.border{ border-color:rgb(137, 147, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 147, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 147, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 147, 194); box-shadow:4px 4px 4px 4px rgb(137, 147, 194) }
```

Background

The CSS property to change the background color of an element to YIQ 149.3680, -21.0470, 12.4970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 147, 194) }
```

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

```
.background{ background-color: rgb(137,  
147, 194) }
```

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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