

Converting Colors

YIQ(149.4960, -41.1780,
30.4220)

Have a look what the booklet for
YIQ(149.4960, -41.1780, 30.4220)
contains.

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Color

**YIQ(149.4960, -41.1780,
30.4220)**

Conversions

Conversions Part 1

Format	Color
Hex	818DF7
RGB	129, 141, 247
RGB Percent	51%, 55%, 97%
CMY	0.4941, 0.4470, 0.0316
CMYK	0.48, 0.43, 0.00, 0.03
HSL	234°, 88%, 74%
HSV	234°, 48%, 97%
XYZ	35.3592, 30.4307, 91.9551
YIQ	149.4960, -41.1780, 30.4220

Conversions

Conversions Part 2

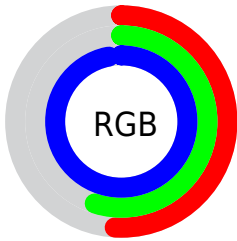
Format	Color
RYB	129, 140, 247
Decimal	8490487
CIELab	62.02, 23.29, -54.52
CIELCh	62, 59.290, 293.134
Yxy	30.4307, 0.2242, 0.1929
Android (android.graphics.Color)	4286680567 (0xFF818DF7)
YUV	149.4960, 48.0695, -17.9750
Hunter-Lab	55.1641, 17.8783, -60.2180

Details

The YIQ color **149.4960, -41.1780, 30.4220** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **226.5040, 41.1780, -30.4220**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **198.8610, -23.7530, 17.4870**, and **96.0070, -44.2950, 26.3370** is the 20% darker color. If you saturate the color by 10%, you get **129.1070, -50.0280, 36.6280**, and if you desaturate by 10%, it is **169.8850, -32.3280, 24.2160**.

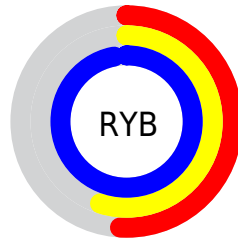
Distribution



Red (51%)

Green (55%)

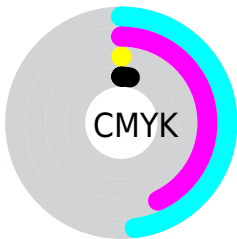
Blue (97%)



Red (51%)

Yellow (55%)

Blue (97%)

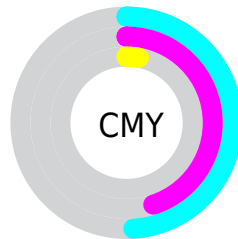


Cyan (48%)

Magenta (43%)

Yellow (0%)

Black (3%)



Cyan (49%)

Magenta (45%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.4960, -41.1780, 30.4220 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 149.4960, -41.1780, 30.4220 by changing the saturation by 10% instead.

■ 149.4960,
-41.1780, 30.4220

■ 149.4960,
-41.1780, 30.4220

■ 255.0000, -0.0000,
-0.0000

■ 122.8440,
-42.2780, 28.3300

■ 198.8610,
-23.7530, 17.4870

■ 96.0070, -44.2950,
26.3370

■ 224.2670,
-13.5730, 9.2030

■ 68.5500, -50.4380,
22.0260

■ 250.2600, -3.6680,
0.3960

■ 42.5060, -56.3060,
18.2380

■ 27.8020, -42.4600,
20.6120

■ 10.2770, -27.5600,
25.9120

■ 10.4760, -21.2310,

15.8330

■ 5.5060, -12.7480,
10.7720

■ 2.2970, -5.0900,
4.1420

■ 149.4960,
-41.1780, 30.4220

■ 149.4960,
-41.1780, 30.4220

■ 129.1070,
-50.0280, 36.6280

■ 169.8850,
-32.3280, 24.2160

■ 109.0170,
-58.2820, 43.0460

■ 189.9750,
-24.0740, 17.7980

■ 88.0410, -66.8570,
49.7750

■ 210.9510,
-15.4990, 11.0690

■ 67.6520, -75.7070,
55.9810

■ 231.3400, -6.6490,
4.8630

■ 47.5620, -83.9610,
62.3990

■ 251.4300, 1.6050,
-1.5550

■ 42.8330, -86.1620,
63.7420

■ 254.0880, 2.5680,
-2.4880

Harmonies

Analogous

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



122.2890, -125.2590, -4.1630



149.4960, -41.1780, 30.4220



154.0600, 19.2480, 47.6640

Triad

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



149.4960, -41.1780, 30.4220



146.4130, 79.3640, 4.4200



117.6420, -91.5060, -48.7060

Complementary

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



149.4960, -41.1780, 30.4220



226.5040, 41.1780, -30.4220

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.



129.5950, -31.3980, -47.7340



149.4960, -41.1780, 30.4220



144.2570, 61.1670, -23.7370

Square

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



149.4960, -41.1780, 30.4220



147.0710, 81.4680, 32.3800



139.4970, 24.7200, -40.5280



124.3850, -109.1150, -32.4350

Rectangle

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



149.4960, -41.1780, 30.4220



151.7400, 49.5080, 49.9240



139.4970, 24.7200, -40.5280



114.8890, -85.1320, -54.0920

Sweetspot

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



149.4960, -41.1780, 30.4220



225.4520, -12.6560, 9.1040



210.1220, -65.8340, -29.3700



109.6820, -7.6120, 5.7960



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.



149.4960, -41.1780, 30.4220



134.7480, -50.3950, 37.7730



155.9070, -11.0580, 46.2380



111.9550, -4.1270, 3.2090



32.3570, -64.9310, 47.9090



10.2480, -20.5890, 15.2110

Inverse Universe

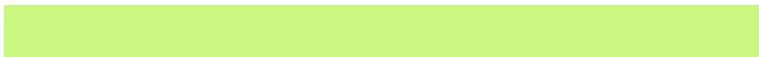
The Inverse Universe completely reimagines the original color for something new.



165.6500, 66.4760, 28.7480



154.9510, 81.9260, 35.0940



220.0930, 11.0580, -46.2380



113.7020, 6.8310, 2.8550



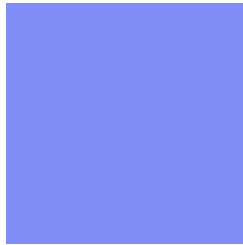
57.7800, 104.7570, 45.3410



18.3250, 33.2380, 14.3740

Previews

White Background



This preview shows how the YIQ color 149.4960, -41.1780, 30.4220 looks on a white background.

Color Contrast Check

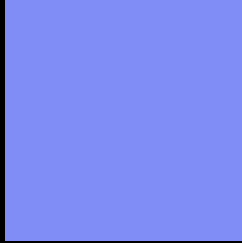
Large Text (above 18pt) WCAG AA × Fail

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 149.4960, -41.1780, 30.4220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

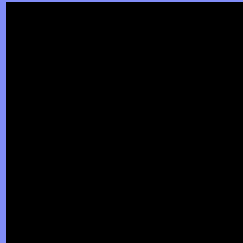
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 149.4960, -41.1780, 30.4220

Background



This preview shows how black text looks on a background with the YIQ color 149.4960, -41.1780, 30.4220.



This preview shows how white text looks on a background with the YIQ color 149.4960, -41.1780,

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

149.4960, -41.1780, 30.4220

Protanopia

145.8250, -58.4620, 24.2740

Deuteranopia

142.8900, -66.2550, 16.8250



Tritanopia

144.2330, -34.5690, -6.7690

Trichromacy



Original Color

149.4960, -41.1780, 30.4220

Protanomaly

147.1140, -51.9060, 26.6060

Deuteranomaly

145.4290, -57.4070, 21.6730

Tritanomaly

146.2950, -37.1390, 6.7730

Monochromacy



Original Color

149.4960, -41.1780, 30.4220

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

149.2500, -14.9030, 11.2810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.4960, -41.1780, 30.4220 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(129, 141, 247)` looks like.

```
.text, #text, p{  
    color:rgb(129, 141, 247)  
}
```

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(129, 141, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 141, 247) }
```

Border

The CSS property to change the border of an element to YIQ 149.4960, -41.1780, 30.4220 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(129, 141, 247) }
```


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

```
.border{ border-color:rgb(129, 141, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 141, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 141, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 141, 247);  
box-shadow:4px 4px 4px 4px rgb(129, 141,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 149.4960, -41.1780, 30.4220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 141, 247) }
```

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

```
.background{ background-color: rgb(129,  
141, 247) }
```

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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