

Converting Colors

YIQ(144.4440, -26.2320,
34.8880)

Have a look what the booklet for
YIQ(144.4440, -26.2320, 34.8880)
contains.

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Color

**YIQ(144.4440, -26.2320,
34.8880)**

Conversions

Conversions Part 1

Format	Color
Hex	8D81E9
RGB	141, 129, 233
RGB Percent	55%, 51%, 91%
CMY	0.4469, 0.4941, 0.0865
CMYK	0.39, 0.45, 0.00, 0.09
HSL	247°, 70%, 71%
HSV	247°, 45%, 91%
XYZ	33.5394, 27.2446, 80.5465
YIQ	144.4440, -26.2320, 34.8880

Conversions

Conversions Part 2

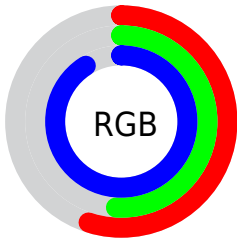
Format	Color
R_{YB}	141, 129, 233
Decimal	9273833
CIE _{Lab}	59.20, 29.19, -51.23
CIE _{LCh}	59, 58.958, 299.674
Yxy	27.2446, 0.2373, 0.1928
Android (android.graphics.Color)	4287463913 (0xFF8D81E9)
YUV	144.4440, 43.6581, -3.0204
Hunter-Lab	52.1963, 23.3539, -54.9557

Details

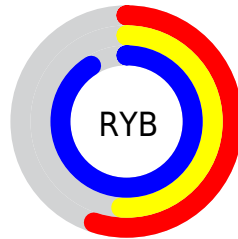
The YIQ color $144.4440, -26.2320, 34.8880$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $217.5560, 26.2320, -34.8880$, and the grayscale version is $144.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $195.1060, -13.8970, 26.0950$, and $92.5530, -28.1570, 31.2270$ is the 20% darker color. If you saturate the color by 10%, you get $124.6640, -32.4230, 42.4650$, and if you desaturate by 10%, it is $164.2240, -20.0410, 27.3110$.

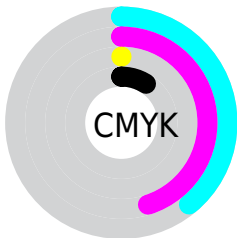
Distribution



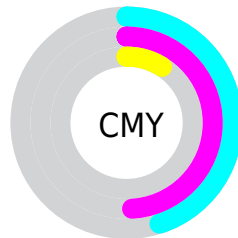
- Red (55%)
- Green (51%)
- Blue (91%)



- Red (55%)
- Yellow (51%)
- Blue (91%)



- Cyan (39%)
- Magenta (45%)
- Yellow (0%)
- Black (9%)



- Cyan (45%)
- Magenta (49%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 144.4440, -26.2320, 34.8880 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 144.4440, -26.2320, 34.8880 by changing the saturation by 10% instead.

■ 144.4440,
-26.2320, 34.8880

■ 144.4440,
-26.2320, 34.8880

■ 255.0000, -0.0000,
-0.0000

■ 118.0910,
-26.7360, 33.0080

■ 195.1060,
-13.8970, 26.0950

■ 92.5530, -28.1570,
31.2270

■ 220.2130, -4.3130,
17.5990

■ 67.1890, -30.1280,
28.4000

■ 245.0210, 4.6750,
8.8910

■ 41.1450, -35.9960,
24.6120

■ 19.9770, -35.5830,
22.6330

■ 8.3220, -23.4330,
22.7030

■ 8.0480, -17.1500,

13.4580

■ 3.7790, -9.2630,
8.1850

■ 0.0000, 0.0000,
0.0000

■ 144.4440,
-26.2320, 34.8880

■ 144.4440,
-26.2320, 34.8880

■ 124.6640,
-32.4230, 42.4650

■ 164.2240,
-20.0410, 27.3110

■ 104.5960,
-37.7430, 50.7770

■ 184.2920,
-14.7210, 18.9990

■ 84.8160, -43.9340,
58.3540

■ 204.0720, -8.5300,
11.4220

■ 65.3350, -49.5290,
66.1430

■ 223.5530, -2.9350,
3.6330

■ 45.5550, -55.7200,
73.7200

■ 243.3330, 3.2560,
-3.9440

■ 34.6350, -58.7010,
78.1870

■ 252.4920, 7.0620,
-6.8420

Harmonies

Analogous

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



115.5070, -119.9410, -1.4210



144.4440, -26.2320, 34.8880



145.5620, 29.5180, 48.7660

Triad

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



144.4440, -26.2320, 34.8880



138.7450, 75.1930, -2.5910



113.9890, -90.8650, -43.8010

Complementary

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



144.4440, -26.2320, 34.8880



217.5560, 26.2320, -34.8880

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.



115.7650, -52.4880, -50.9840



144.4440, -26.2320, 34.8880



135.5610, 54.1990, -29.6170

Square

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



144.4440, -26.2320, 34.8880



139.0830, 81.1940, 26.3300



130.6960, 13.8540, -41.8420



119.9170, -107.5570, -27.6290

Rectangle

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



144.4440, -26.2320, 34.8880



142.2200, 56.8440, 49.1320



130.6960, 13.8540, -41.8420



111.3500, -84.8120, -48.8760

Sweetspot

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



144.4440, -26.2320, 34.8880



226.9580, -8.2090, 11.1110



196.0340, -59.2340, -16.8180



109.9920, -5.5490, 6.9550



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.



144.4440, -26.2320, 34.8880



137.5160, -34.7620, 46.3100



159.3940, 3.5680, 45.4880



107.5530, -2.9350, 3.6330



26.9130, -45.5850, 60.7430



7.9500, -13.7580, 18.0660

Inverse Universe

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



170.5840, 32.4520, 50.6600



172.1700, 43.0860, 67.1980



202.6060, -3.5680, -45.4880



110.4290, 3.3460, 5.4420



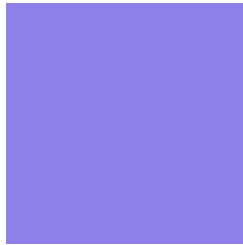
72.3590, 56.5160, 88.1320



21.5040, 17.0970, 26.0650

Previews

White Background



This preview shows how the YIQ color 144.4440, -26.2320, 34.8880 looks on a white background.

Color Contrast Check

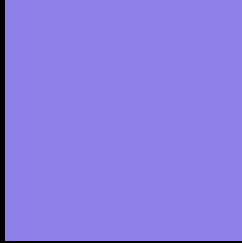
Large Text (above 18pt) WCAG AA ✓ Pass

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 144.4440, -26.2320, 34.8880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

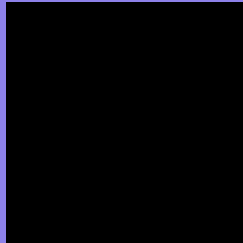
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 144.4440, -26.2320, 34.8880

Background



This preview shows how black text looks on a background with the YIQ color 144.4440, -26.2320, 34.8880.



This preview shows how white text looks on a background with the YIQ color 144.4440, -26.2320, 34.8880.

34.8880.

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

144.4440, -26.2320, 34.8880

Protanopia

138.4830, -57.4990, 23.3410

Deuteranopia

137.0710, -59.5150, 15.8210



Tritanopia

140.4910, -17.5600, -1.1440

Trichromacy



Original Color

144.4440, -26.2320, 34.8880

Protanomaly

140.5770, -45.9000, 27.8920

Deuteranomaly

139.9310, -47.1370, 22.7750

Tritanomaly

142.1400, -20.4050, 11.8750

Monochromacy



Original Color

144.4440, -26.2320, 34.8880

Achromatopsia

144.0000, -0.0000, 0.0000

Achromatomaly

144.4140, -9.4930, 12.3550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 144.4440, -26.2320, 34.8880 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(141, 129, 233)` looks like.

```
.text, #text, p{  
    color:rgb(141, 129, 233)  
}
```

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(141, 129, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 129, 233) }
```

Border

The CSS property to change the border of an element to YIQ 144.4440, -26.2320, 34.8880 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(141, 129, 233) }
```


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

```
.border{ border-color:rgb(141, 129, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 129, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 129, 233); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 129, 233); box-shadow:4px 4px 4px 4px rgb(141, 129, 233) }
```

Background

The CSS property to change the background color of an element to YIQ 144.4440, -26.2320, 34.8880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 129, 233) }
```

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

```
.background{ background-color: rgb(141,  
129, 233) }
```

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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