

Converting Colors

YIQ(140.4400, -12.3820,
15.1540)

Have a look what the booklet for
YIQ(140.4400, -12.3820, 15.1540)
contains.

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Color

**YIQ(140.4400, -12.3820,
15.1540)**

Conversions

Conversions Part 1

Format	Color
Hex	8A86B4
RGB	138, 134, 180
RGB Percent	54%, 53%, 71%
CMY	0.4588, 0.4745, 0.2942
CMYK	0.23, 0.26, 0.00, 0.29
HSL	245°, 23%, 62%
HSV	245°, 26%, 71%
XYZ	27.2437, 25.7483, 46.7025
YIQ	140.4400, -12.3820, 15.1540

Conversions

Conversions Part 2

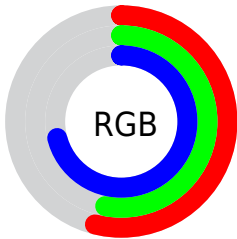
Format	Color
RYB	138, 134, 180
Decimal	9078452
CIELab	57.80, 11.58, -23.59
CIELCh	58, 26.282, 296.138
Yxy	25.7483, 0.2733, 0.2583
Android (android.graphics.Color)	4287268532 (0xFF8A86B4)
YUV	140.4400, 19.5031, -2.1399
Hunter-Lab	50.7428, 7.0367, -19.0492

Details

The YIQ color $140.4400, -12.3820, 15.1540$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $173.5600, 12.3820, -15.1540$, and the grayscale version is $140.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $194.0810, -12.7490, 16.2990$, and $89.7990, -12.0150, 14.0090$ is the 20% darker color. If you saturate the color by 10%, you get $125.0900, -16.9680, 21.1760$, and if you desaturate by 10%, it is $155.7900, -7.7960, 9.1320$.

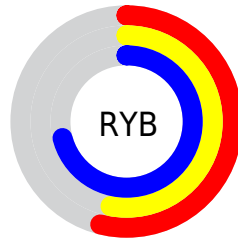
Distribution



Red (54%)

Green (53%)

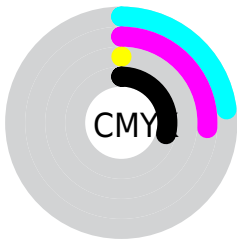
Blue (71%)



Red (54%)

Yellow (53%)

Blue (71%)

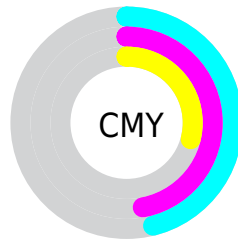


Cyan (23%)

Magenta (26%)

Yellow (0%)

Black (29%)



Cyan (46%)

Magenta (47%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 140.4400, -12.3820, 15.1540 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 140.4400, -12.3820, 15.1540 by changing the saturation by 10% instead.

■ 140.4400,
-12.3820, 15.1540

■ 140.4400,
-12.3820, 15.1540

■ 255.0000, -0.0000,
-0.0000

■ 114.9130,
-12.3360, 14.3200

■ 194.0810,
-12.7490, 16.2990

■ 89.7990, -12.0150,
14.0090

■ 221.0550, -9.8600,
13.5000

■ 66.2720, -11.9690,
13.1750

■ 246.1620, -0.2760,
5.0040

■ 44.0330, -12.7940,
11.6060

■ 22.7940, -13.6190,
10.0370

■ 3.7620, -10.5930,
10.2630

■ 0.6840, -1.9260,

1.8660

■ 0.0000, 0.0000,
0.0000

■ 140.4400,
-12.3820, 15.1540

■ 140.4400,
-12.3820, 15.1540

■ 125.0900,
-16.9680, 21.1760

■ 155.7900, -7.7960,
9.1320

■ 109.4410,
-22.1500, 26.9860

■ 171.4390, -2.6140,
3.3220

■ 94.0910, -26.7360,
33.0080

■ 186.7890, 1.9720,
-2.7000

■ 78.4420, -31.9180,
38.8180

■ 202.4380, 7.1540,
-8.5100

■ 63.0920, -36.5040,
44.8400

■ 217.7880, 11.7400,
-14.5320

■ 47.4430, -41.6860,
50.6500

■ 233.4370, 16.9220,
-20.3420

■ 32.0930, -46.2720,
56.6720

■ 245.8520, 22.8830,
-23.7490

■ 25.3040, -48.2440,
59.3720

■ 246.4500, 24.0750,
-23.3250

Harmonies

Analogous

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



135.4260, -36.1300, 5.0060



140.4400, -12.3820, 15.1540



142.1070, 10.7250, 20.3970

Triad

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



140.4400, -12.3820, 15.1540



139.9750, 36.6790, 1.5670



128.2460, -36.5840, -19.8160

Complementary

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



140.4400, -12.3820, 15.1540



173.5600, 12.3820, -15.1540

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.



132.3380, -13.4760, -20.1000



140.4400, -12.3820, 15.1540



137.6760, 26.9150, -8.7090

Square

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



140.4400, -12.3820, 15.1540



140.8970, 37.3190, 11.9990



135.6520, 9.1270, -16.7370



125.7850, -54.0990, -16.2670

Rectangle

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



140.4400, -12.3820, 15.1540



142.2240, 23.5170, 19.8450



135.6520, 9.1270, -16.7370



130.0250, -28.6520, -20.3960

Sweetspot

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



140.4400, -12.3820, 15.1540



218.4650, -5.5030, 6.1210



163.8980, -26.3160, -7.6600



107.5530, -2.9350, 3.6330



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



140.4400, -12.3820, 15.1540



172.1160, -19.8570, 23.9750



147.3170, 1.3260, 20.0300



81.3250, -2.2930, 3.0110



21.3290, -41.3650, 50.3390



3.5620, -7.1540, 8.5100

Inverse Universe

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



152.5420, 13.9340, 22.8140



191.3510, 22.3220, 36.0020



166.6830, -1.3260, -20.0300



83.6030, 2.7960, 4.3960



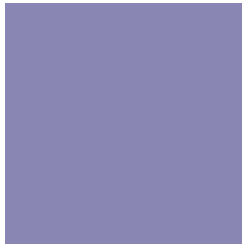
61.7070, 46.2480, 75.9760



10.3960, 8.1130, 12.6650

Previews

White Background



This preview shows how the YIQ color 140.4400, -12.3820, 15.1540 looks on a white background.

Color Contrast Check

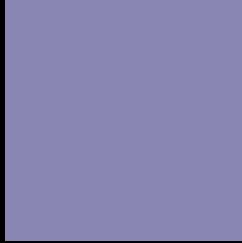
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.4400, -12.3820, 15.1540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

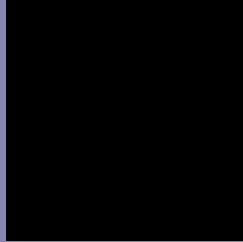
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 140.4400, -12.3820, 15.1540

Background



This preview shows how black text looks on a background with the YIQ color 140.4400, -12.3820, 15.1540.



This preview shows how white text looks on a background with the YIQ color 140.4400, -12.3820,

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

140.4400, -12.3820, 15.1540

Protanopia

139.1400, -20.4050, 11.8750

Deuteranopia

139.4070, -16.7830, 12.3130



Tritanopia

138.2750, -8.0240, 2.2480

Trichromacy



Original Color

140.4400, -12.3820, 15.1540

Protanomaly

139.6350, -17.4250, 12.9350

Deuteranomaly

139.7170, -14.7200, 13.4720

Tritanomaly

138.9530, -9.8130, 7.1390

Monochromacy



Original Color

140.4400, -12.3820, 15.1540

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.2370, -4.8610, 5.4990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.4400, -12.3820, 15.1540 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(138, 134, 180)` looks like.

```
.text, #text, p{  
    color:rgb(138, 134, 180)  
}
```

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(138, 134, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 134, 180) }
```

Border

The CSS property to change the border of an element to YIQ 140.4400, -12.3820, 15.1540 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(138, 134, 180) }
```


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

```
.border{ border-color:rgb(138, 134, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 134, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 134, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 134, 180);  
box-shadow:4px 4px 4px 4px rgb(138, 134,  
180) }
```

Background

The CSS property to change the background color of an element to YIQ 140.4400, -12.3820, 15.1540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 134, 180) }
```

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

```
.background{ background-color: rgb(138,  
134, 180) }
```

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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