

Converting Colors

YIQ(142.0530, -15.5460,
17.4300)

Have a look what the booklet for
YIQ(142.0530, -15.5460, 17.4300)
contains.

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Color

**YIQ(142.0530, -15.5460,
17.4300)**

Conversions

Conversions Part 1

Format	Color
Hex	8A87BD
RGB	138, 135, 189
RGB Percent	54%, 53%, 74%
CMY	0.4588, 0.4706, 0.2589
CMYK	0.27, 0.29, 0.00, 0.26
HSL	243°, 29%, 64%
HSV	243°, 29%, 74%
XYZ	28.3292, 26.4048, 51.7326
YIQ	142.0530, -15.5460, 17.4300

Conversions

Conversions Part 2

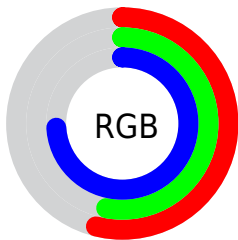
Format	Color
R_{YB}	138, 135, 189
Decimal	9078717
CIE _{Lab}	58.42, 13.22, -27.75
CIE _{LCh}	58, 30.740, 295.468
Yxy	26.4048, 0.2661, 0.2480
Android (android.graphics.Color)	4287268797 (0xFF8A87BD)
YUV	142.0530, 23.1449, -3.5545
Hunter-Lab	51.3856, 8.4835, -23.7205

Details

The YIQ color $142.0530, -15.5460, 17.4300$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $181.9470, 15.5460, -17.4300$, and the grayscale version is $142.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $195.6940, -15.9130, 18.5750$, and $90.9990, -15.4540, 15.7620$ is the 20% darker color. If you saturate the color by 10%, you get $125.5180, -21.0490, 23.5510$, and if you desaturate by 10%, it is $158.5880, -10.0430, 11.3090$.

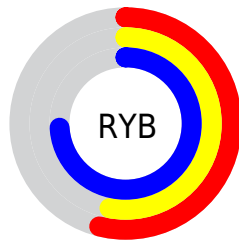
Distribution



Red (54%)

Green (53%)

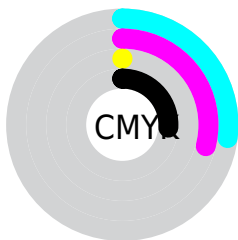
Blue (74%)



Red (54%)

Yellow (53%)

Blue (74%)

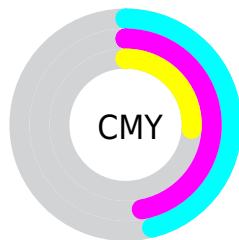


Cyan (27%)

Magenta (29%)

Yellow (0%)

Black (26%)



Cyan (46%)

Magenta (47%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 142.0530, -15.5460, 17.4300 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 142.0530, -15.5460, 17.4300 by changing the saturation by 10% instead.

■ 142.0530,
-15.5460, 17.4300

■ 142.0530,
-15.5460, 17.4300

■ 255.0000, -0.0000,
-0.0000

■ 116.5260,
-15.5000, 16.5960

■ 195.6940,
-15.9130, 18.5750

■ 91.2980, -14.8580,
15.9740

■ 221.9410, -9.5390,
13.1890

■ 67.4720, -15.4080,
14.9280

■ 246.7490, -0.5510,
4.4810

■ 44.5320, -15.6370,
13.5710

■ 22.0970, -18.8460,
11.1540

■ 4.5600, -12.8400,
12.4400

■ 2.5250, -5.7320,

4.7640

■ 0.0000, 0.0000,
0.0000

■ 142.0530,
-15.5460, 17.4300

■ 142.0530,
-15.5460, 17.4300

■ 125.5180,
-21.0490, 23.5510

■ 158.5880,
-10.0430, 11.3090

■ 108.9830,
-26.5520, 29.6720

■ 175.1230, -4.5400,
5.1880

■ 92.4480, -32.0550,
35.7930

■ 191.6580, 0.9630,
-0.9330

■ 76.2120, -36.9620,
42.1260

■ 207.8940, 5.8700,
-7.2660

■ 60.2640, -42.7400,
47.7240

■ 223.8420, 11.6480,
-12.8640

■ 43.7290, -48.2430,
53.8450

■ 240.3770, 17.1510,
-18.9850

■ 27.1940, -53.7460,
59.9660

■ 247.4760, 21.1860,
-20.5260

■ 24.8350, -54.1130,
61.1110

Harmonies

Analogous

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



135.3480, -44.6580, 5.3740



142.0530, -15.5460, 17.4300



144.5850, 12.3750, 23.5350

Triad

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



142.0530, -15.5460, 17.4300



140.9110, 42.7310, 2.0190



127.3050, -44.2400, -24.2400

Complementary

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



142.0530, -15.5460, 17.4300



181.9470, 15.5460, -17.4300

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.



132.7460, -14.8050, -23.5490



142.0530, -15.5460, 17.4300



138.7750, 30.9500, -10.2500

Square

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



142.0530, -15.5460, 17.4300



142.3000, 43.5540, 14.6420



136.4410, 11.0990, -19.4370



121.5270, -71.1080, -21.8920

Rectangle

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



142.0530, -15.5460, 17.4300



144.0120, 27.2300, 24.1420



136.4410, 11.0990, -19.4370



128.9810, -34.5200, -24.1840

Sweetspot

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



142.0530, -15.5460, 17.4300



225.8070, -6.4660, 7.0540



171.0930, -31.3590, -9.8790



110.7810, -3.5770, 4.2550



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



142.0530, -15.5460, 17.4300



172.6580, -24.2590, 26.6610



150.1260, 0.5460, 23.1540



86.0260, -2.8890, 2.7990



20.7030, -45.3540, 51.0460



4.1320, -8.7590, 10.0650

Inverse Universe

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



156.9600, 15.8130, 27.3090



195.7090, 24.4300, 41.8540



173.8740, -0.5460, -23.1540



88.7170, 2.4750, 4.7070



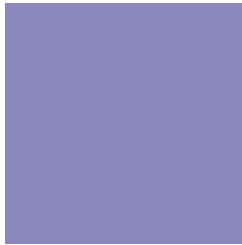
64.2280, 46.3390, 79.8350



12.5750, 9.1670, 15.5910

Previews

White Background



This preview shows how the YIQ color 142.0530, -15.5460, 17.4300 looks on a white background.

Color Contrast Check

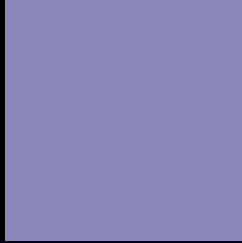
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.0530, -15.5460, 17.4300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

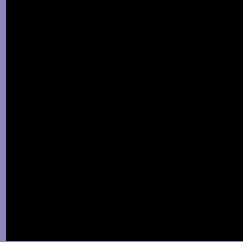
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 142.0530, -15.5460, 17.4300

Background



This preview shows how black text looks on a background with the YIQ color 142.0530, -15.5460, 17.4300.



This preview shows how white text looks on a background with the YIQ color 142.0530, -15.5460, 17.4300.

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

142.0530, -15.5460, 17.4300

Protanopia

140.8560, -25.3570, 13.5150

Deuteranopia

140.4110, -22.6060, 13.2180



Tritanopia

139.9650, -10.0870, 1.0890

Trichromacy



Original Color

142.0530, -15.5460, 17.4300

Protanomaly

141.6500, -21.7810, 14.7870

Deuteranomaly

141.0200, -19.9470, 14.5890

Tritanomaly

140.5830, -11.6470, 7.3370

Monochromacy



Original Color

142.0530, -15.5460, 17.4300

Achromatopsia

142.0000, -0.0000, -0.0000

Achromatomaly

141.8780, -5.2280, 6.6440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.0530, -15.5460, 17.4300 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, 135, 189)` looks like.

```
.text, #text, p{  
    color:rgb(138, 135, 189)  
}
```

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, 135, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 135, 189) }
```

Border

The CSS property to change the border of an element to YIQ 142.0530, -15.5460, 17.4300 is called "border". The border property can be set on classes, ids or directly on the HTML element.

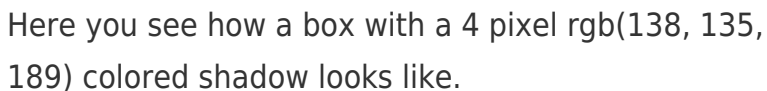
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 135, 189) }
```


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

```
.border{ border-color:rgb(138, 135, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(138, 135, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 135, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 135, 189); box-shadow:4px 4px 4px 4px rgb(138, 135, 189) }
```

Background

The CSS property to change the background color of an element to YIQ 142.0530, -15.5460, 17.4300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 135, 189) }
```

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

```
.background{ background-color: rgb(138,  
135, 189) }
```

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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