

Converting Colors

YIQ(142.3250, -19.4880,
11.7760)

Have a look what the booklet for
YIQ(142.3250, -19.4880, 11.7760)
contains.

YIQ(142.3250, -19.4880, 11.7760)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(142.3250, -19.4880,
11.7760)**

Conversions

Conversions Part 1

Format	Color
Hex	838CB8
RGB	131, 140, 184
RGB Percent	51%, 55%, 72%
CMY	0.4863, 0.4510, 0.2785
CMYK	0.29, 0.24, 0.00, 0.28
HSL	230°, 27%, 62%
HSV	230°, 29%, 72%
XYZ	27.3877, 27.0422, 49.1080
YIQ	142.3250, -19.4880, 11.7760

Conversions

Conversions Part 2

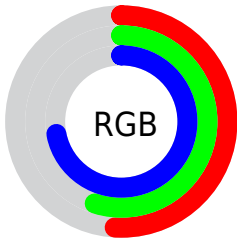
Format	Color
R_{YB}	131, 139, 184
Decimal	8621240
CIE _{Lab}	59.01, 6.92, -24.04
CIE _{LCh}	59, 25.019, 286.048
Yxy	27.0422, 0.2645, 0.2612
Android (android.graphics.Color)	4286811320 (0xFF838CB8)
YUV	142.3250, 20.5458, -9.9320
Hunter-Lab	52.0021, 3.0060, -19.5887

Details

The YIQ color $142.3250, -19.4880, 11.7760$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $172.6750, 19.4880, -11.7760$, and the grayscale version is $142.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $195.9660, -19.8550, 12.9210$, and $91.6840, -19.1210, 10.6310$ is the 20% darker color. If you saturate the color by 10%, you get $128.1380, -26.0910, 15.8050$, and if you desaturate by 10%, it is $156.5120, -12.8850, 7.7470$.

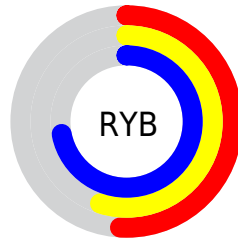
Distribution



Red (51%)

Green (55%)

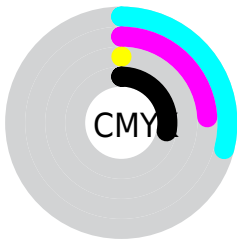
Blue (72%)



Red (51%)

Yellow (55%)

Blue (72%)

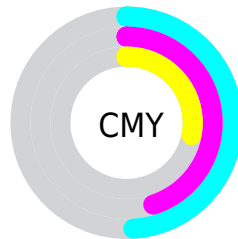


Cyan (29%)

Magenta (24%)

Yellow (0%)

Black (28%)



Cyan (49%)

Magenta (45%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 142.3250, -19.4880, 11.7760 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 142.3250, -19.4880, 11.7760 by changing the saturation by 10% instead.

■ 142.3250,
-19.4880, 11.7760

■ 142.3250,
-19.4880, 11.7760

■ 255.0000, -0.0000,
-0.0000

■ 116.7980,
-19.4420, 10.9420

■ 195.9660,
-19.8550, 12.9210

■ 91.6840, -19.1210,
10.6310

■ 222.4840,
-15.6820, 8.8780

■ 67.7440, -19.3500,
9.2740

■ 248.1780, -6.3730,
-0.1410

■ 44.9180, -19.9000,
8.2280

■ 21.8960, -22.8340,
6.3340

■ 4.1040, -11.5560,
11.1960

■ 1.3680, -3.8520,

3.7320

■ 0.0000, 0.0000,
0.0000

■ 142.3250,
-19.4880, 11.7760

■ 142.3250,
-19.4880, 11.7760

■ 128.1380,
-26.0910, 15.8050

■ 156.5120,
-12.8850, 7.7470

■ 113.0650,
-33.0150, 20.1450

■ 171.5850, -5.9610,
3.4070

■ 98.8780, -39.6180,
24.1740

■ 185.7720, 0.6420,
-0.6220

■ 84.3920, -46.8170,
27.9910

■ 200.2580, 7.8410,
-4.4390

■ 70.2050, -53.4200,
32.0200

■ 214.4450, 14.4440,
-8.4680

■ 55.4310, -59.7480,
36.5720

■ 229.2190, 20.7720,
-13.0200

■ 40.9450, -66.9470,
40.3890

■ 242.2100, 24.9910,
-17.8970

■ 39.1730, -67.5890,
41.0110

■ 246.9060, 22.7910,
-22.0810

Harmonies

Analogous

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



136.8660, -40.4850, 1.3310



142.3250, -19.4880, 11.7760



145.0460, 3.5270, 18.6870

Triad

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



142.3250, -19.4880, 11.7760



143.3820, 37.0910, 5.1150



133.4490, -26.9100, -18.9260

Complementary

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



142.3250, -19.4880, 11.7760



172.6750, 19.4880, -11.7760

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.



136.8830, -4.7650, -18.2770



142.3250, -19.4880, 11.7760



141.7520, 29.7570, -5.1470

Square

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



142.3250, -19.4880, 11.7760



144.5100, 34.1550, 14.2750



139.5820, 15.3160, -13.2600



130.8630, -45.5710, -16.6350

Rectangle

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



142.3250, -19.4880, 11.7760



145.4020, 17.1440, 19.7040



139.5820, 15.3160, -13.2600



135.0430, -19.8950, -19.4070

Sweetspot

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



142.3250, -19.4880, 11.7760



222.8560, -8.1620, 4.7500



167.0130, -28.3780, -14.3460



109.6560, -4.7230, 2.9970



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



142.3250, -19.4880, 11.7760



173.7940, -30.8140, 18.8020



142.1250, -6.8810, 20.0870



84.6130, -3.1640, 2.2760



33.0460, -57.2260, 34.9180



6.1270, -10.3630, 6.0930

Inverse Universe

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



147.8730, 28.6990, 14.0350



182.7120, 45.5700, 22.1620



172.8750, 6.8810, -20.0870



85.8050, 5.0430, 2.2190



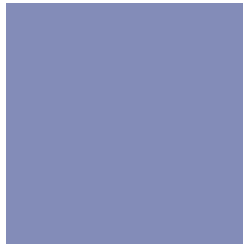
49.6080, 84.6300, 41.1580



8.9420, 15.0830, 7.4910

Previews

White Background



This preview shows how the YIQ color 142.3250, -19.4880, 11.7760 looks on a white background.

Color Contrast Check

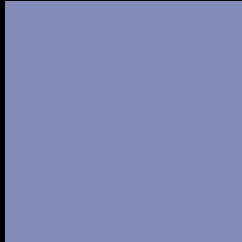
Large Text (above 18pt) WCAG AA ✓ Pass

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 142.3250, -19.4880, 11.7760 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 142.3250, -19.4880, 11.7760

Background



This preview shows how black text looks on a background with the YIQ color 142.3250, -19.4880, 11.7760.



This preview shows how white text looks on a background with the YIQ color 142.3250, -19.4880, 11.7760.

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

142.3250, -19.4880, 11.7760

Protanopia

142.0260, -20.0840, 11.5640

Deuteranopia

142.3360, -18.0210, 12.7230



Tritanopia

140.3880, -15.7720, -0.5080

Trichromacy



Original Color

142.3250, -19.4880, 11.7760

Protanomaly

142.0260, -20.0840, 11.5640

Deuteranomaly

142.0370, -18.6170, 12.5110

Tritanomaly

140.9520, -17.2400, 4.0720

Monochromacy



Original Color

142.3250, -19.4880, 11.7760

Achromatopsia

142.0000, -0.0000, -0.0000

Achromatomaly

141.9270, -6.9240, 4.3400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.3250, -19.4880, 11.7760 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(131, 140, 184)` looks like.

```
.text, #text, p{  
    color:rgb(131, 140, 184)  
}
```

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(131, 140, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 140, 184) }
```

Border

The CSS property to change the border of an element to YIQ 142.3250, -19.4880, 11.7760 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(131, 140, 184) }
```


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

```
.border{ border-color:rgb(131, 140, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 140, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 140, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 140, 184);  
box-shadow:4px 4px 4px 4px rgb(131, 140,  
184) }
```

Background

The CSS property to change the background color of an element to YIQ 142.3250, -19.4880, 11.7760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 140, 184) }
```

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

```
.background{ background-color: rgb(131,  
140, 184) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor