

Converting Colors

YIQ(144.8650, -29.5760,
18.3920)

Have a look what the booklet for
YIQ(144.8650, -29.5760, 18.3920)
contains.

YIQ(144.8650, -29.5760, 18.3920)	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(144.8650, -29.5760,
18.3920)**

Conversions

Conversions Part 1

Format	Color
Hex	808DD1
RGB	128, 141, 209
RGB Percent	50%, 55%, 82%
CMY	0.4980, 0.4470, 0.1806
CMYK	0.39, 0.33, 0.00, 0.18
HSL	230°, 47%, 66%
HSV	230°, 39%, 82%
XYZ	29.9315, 28.2421, 64.1672
YIQ	144.8650, -29.5760, 18.3920

Conversions

Conversions Part 2

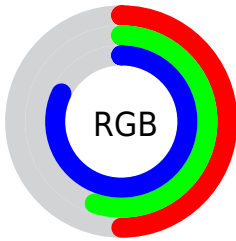
Format	Color
R_{YB}	128, 139, 209
Decimal	8424913
CIE _{Lab}	60.11, 12.13, -36.46
CIE _{LCh}	60, 38.425, 288.396
Yxy	28.2421, 0.2447, 0.2308
Android (android.graphics.Color)	4286614993 (0xFF808DD1)
YUV	144.8650, 31.6186, -14.7906
Hunter-Lab	53.1433, 7.5343, -34.3885

Details

The YIQ color **144.8650, -29.5760, 18.3920** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **192.1350, 29.5760, -18.3920**, and the grayscale version is **145.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **197.6650, -26.1370, 16.6390**, and **93.0990, -30.3550, 15.9890** is the 20% darker color. If you saturate the color by 10%, you get **128.0200, -37.1420, 23.3540**, and if you desaturate by 10%, it is **161.7100, -22.0100, 13.4300**.

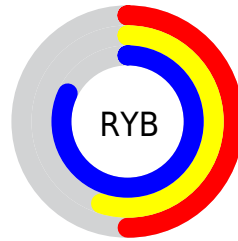
Distribution



Red (50%)

Green (55%)

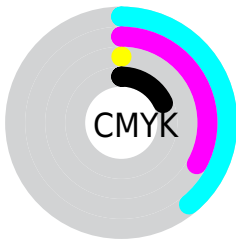
Blue (82%)



Red (50%)

Yellow (55%)

Blue (82%)

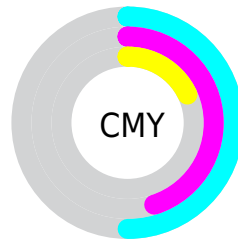


Cyan (39%)

Magenta (33%)

Yellow (0%)

Black (18%)



Cyan (50%)

Magenta (45%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 144.8650, -29.5760, 18.3920 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 144.8650, -29.5760, 18.3920 by changing the saturation by 10% instead.

■ 144.8650,
-29.5760, 18.3920

■ 144.8650,
-29.5760, 18.3920

■ 255.0000, -0.0000,
-0.0000

■ 118.9250,
-29.8050, 17.0350

■ 197.6650,
-26.1370, 16.6390

■ 93.0990, -30.3550,
15.9890

■ 222.7720,
-16.5530, 8.1430

■ 68.5610, -31.7760,
14.2080

■ 248.4660, -7.2440,
-0.8760

■ 43.1150, -36.4520,
10.8440

■ 24.1540, -32.1880,
10.6600

■ 6.2700, -17.6550,
17.1050

■ 4.9360, -11.1430,

9.2170

■ 0.5700, -1.6050,
1.5550

■ 0.0000, 0.0000,
0.0000

■ 144.8650,
-29.5760, 18.3920

■ 144.8650,
-29.5760, 18.3920

■ 128.0200,
-37.1420, 23.3540

■ 161.7100,
-22.0100, 13.4300

■ 111.7620,
-44.9830, 27.7930

■ 177.9680,
-14.1690, 8.9910

■ 94.9170, -52.5490,
32.7550

■ 194.8130, -6.6030,
4.0290

■ 78.6590, -60.3900,
37.1940

■ 211.0710, 1.2380,
-0.4100

■ 62.1130, -67.3600,
42.3680

■ 227.6170, 8.2080,
-5.5840

■ 45.8550, -75.2010,
46.8070

■ 243.8750, 16.0490,
-10.0230

■ 43.7840, -76.4390,
47.2170

■ 249.7560, 14.7660,
-14.3060

Harmonies

Analogous

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



132.1150, -71.9830, -0.5190



144.8650, -29.5760, 18.3920



148.8220, 7.5140, 29.0340

Triad

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



144.8650, -29.5760, 18.3920



145.0050, 54.3300, 6.5700



126.9570, -52.3080, -32.2120

Complementary

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



144.8650, -29.5760, 18.3920



192.1350, 29.5760, -18.3920

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.



135.4380, -11.1820, -28.6380



144.8650, -29.5760, 18.3920



143.1200, 43.1000, -10.1800

Square

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



144.8650, -29.5760, 18.3920



146.3060, 52.5850, 21.6810



139.8240, 20.0860, -22.6180



113.9040, -97.5150, -33.4110

Rectangle

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



144.8650, -29.5760, 18.3920



148.8260, 28.0540, 31.2380



139.8240, 20.0860, -22.6180



130.7970, -37.1780, -31.0820

Sweetspot

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



144.8650, -29.5760, 18.3920



230.4690, -11.3260, 7.0260



183.1850, -43.7820, -21.5260



113.8130, -6.6030, 4.0290



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.



144.8650, -29.5760, 18.3920



162.4910, -42.7820, 26.4500



145.3070, -9.9090, 30.9150



96.4280, -4.0810, 2.3750



35.0010, -61.3530, 38.1270



8.7830, -15.0860, 9.0900

Inverse Universe

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



153.7010, 44.1030, 21.2150



175.1490, 63.6330, 30.7130



191.6930, 9.9090, -30.9150



97.5170, 5.9140, 2.9540



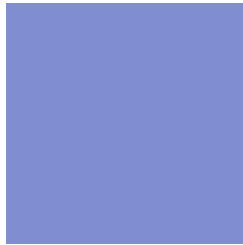
53.3100, 91.4610, 44.0130



13.0570, 22.1890, 10.8690

Previews

White Background



This preview shows how the YIQ color 144.8650, -29.5760, 18.3920 looks on a white background.

Color Contrast Check

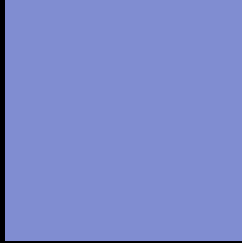
Large Text (above 18pt) WCAG AA ✓ Pass

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 144.8650, -29.5760, 18.3920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

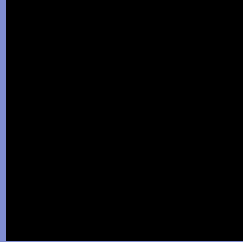
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 144.8650, -29.5760, 18.3920

Background



This preview shows how black text looks on a background with the YIQ color 144.8650, -29.5760, 18.3920.



This preview shows how white text looks on a background with the YIQ color 144.8650, -29.5760, 18.3920.

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

144.8650, -29.5760, 18.3920

Protanopia

144.0710, -33.1520, 17.1200

Deuteranopia

143.2340, -35.1690, 15.1270



Tritanopia

141.5010, -23.5200, -3.2640

Trichromacy



Original Color

144.8650, -29.5760, 18.3920

Protanomaly

144.6690, -31.9600, 17.5440

Deuteranomaly

143.5440, -33.1060, 16.2860

Tritanomaly

142.8740, -25.7680, 4.4400

Monochromacy



Original Color

144.8650, -29.5760, 18.3920

Achromatopsia

145.0000, 0.0000, -0.0000

Achromatomaly

145.2410, -10.6840, 6.4040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 144.8650, -29.5760, 18.3920 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(128, 141, 209)` looks like.

```
.text, #text, p{  
    color:rgb(128, 141, 209)  
}
```

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(128, 141, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 141, 209) }
```

Border

The CSS property to change the border of an element to YIQ 144.8650, -29.5760, 18.3920 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(128, 141, 209) }
```


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

```
.border{ border-color:rgb(128, 141, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 141, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(128, 141, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(128, 141, 209); box-shadow:4px 4px 4px 4px rgb(128, 141, 209) }
```

Background

The CSS property to change the background color of an element to YIQ 144.8650, -29.5760, 18.3920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 141, 209) }
```

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

```
.background{ background-color: rgb(128,  
141, 209) }
```

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