

Converting Colors

YIQ(138.4650, -22.6980,
14.8860)

Have a look what the booklet for
YIQ(138.4650, -22.6980, 14.8860)
contains.

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Color

**YIQ(138.4650, -22.6980,
14.8860)**

Conversions

Conversions Part 1

Format	Color
Hex	7E87BD
RGB	126, 135, 189
RGB Percent	49%, 53%, 74%
CMY	0.5059, 0.4706, 0.2590
CMYK	0.33, 0.29, 0.00, 0.26
HSL	231°, 32%, 62%
HSV	231°, 33%, 74%
XYZ	26.4508, 25.4376, 51.6408
YIQ	138.4650, -22.6980, 14.8860

Conversions

Conversions Part 2

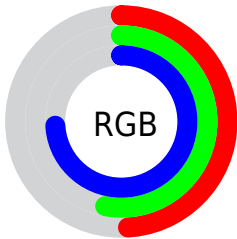
Format	Color
R _Y B	126, 134, 189
Decimal	8292285
CIE Lab	57.50, 9.63, -29.25
CIE LCh	57, 30.793, 288.230
Yxy	25.4376, 0.2555, 0.2457
Android (android.graphics.Color)	4286482365 (0xFF7E87BD)
YUV	138.4650, 24.9138, -10.9318
Hunter-Lab	50.4357, 5.3513, -25.4017

Details

The YIQ color $138.4650, -22.6980, 14.8860$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $176.5350, 22.6980, -14.8860$, and the grayscale version is $138.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $192.1060, -23.0650, 16.0310$, and $87.9980, -22.8810, 12.6950$ is the 20% darker color. If you saturate the color by 10%, you get $123.3920, -29.6220, 19.2260$, and if you desaturate by 10%, it is $153.5380, -15.7740, 10.5460$.

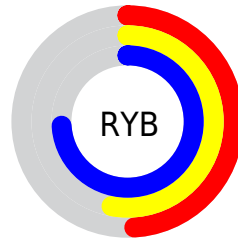
Distribution



Red (49%)

Green (53%)

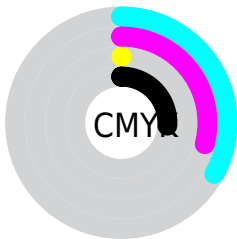
Blue (74%)



Red (49%)

Yellow (53%)

Blue (74%)

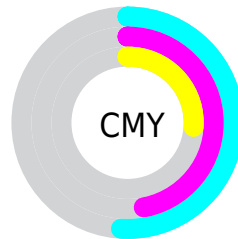


Cyan (33%)

Magenta (29%)

Yellow (0%)

Black (26%)



Cyan (51%)

Magenta (47%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.4650, -22.6980, 14.8860 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 138.4650, -22.6980, 14.8860 by changing the saturation by 10% instead.

■ 138.4650,
-22.6980, 14.8860

■ 138.4650,
-22.6980, 14.8860

■ 255.0000, -0.0000,
-0.0000

■ 112.9380,
-22.6520, 14.0520

■ 192.1060,
-23.0650, 16.0310

■ 87.9980, -22.8810,
12.6950

■ 218.0540,
-17.2870, 10.4330

■ 63.5850, -23.1560,
12.1720

■ 243.1610, -7.7030,
1.9370

■ 40.6340, -24.8520,
9.8680

■ 19.3950, -25.6770,
8.2990

■ 6.3210, -13.6650,
10.8710

■ 2.5250, -5.7320,

4.7640

■ 0.0000, 0.0000,
0.0000

■ 138.4650,
-22.6980, 14.8860

■ 138.4650,
-22.6980, 14.8860

■ 123.3920,
-29.6220, 19.2260

■ 153.5380,
-15.7740, 10.5460

■ 108.3190,
-36.5460, 23.5660

■ 168.6110, -8.8500,
6.2060

■ 92.6590, -43.1950,
28.4290

■ 184.2710, -2.2010,
1.3430

■ 77.5860, -50.1190,
32.7690

■ 199.3440, 4.7230,
-2.9970

■ 62.8120, -56.4470,
37.3210

■ 214.1180, 11.0510,
-7.5490

■ 47.7390, -63.3710,
41.6610

■ 229.1910, 17.9750,
-11.8890

■ 37.3950, -68.0940,
44.6580

■ 243.3670, 23.1110,
-16.8650

■ 247.4760, 21.1860,
-20.5260

Harmonies

Analogous

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



130.7060, -51.7180, 1.1620



138.4650, -22.6980, 14.8860



141.6490, 6.3230, 23.0830

Triad

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



138.4650, -22.6980, 14.8860



139.0900, 43.7850, 4.9450



126.0130, -37.5460, -24.4100

Complementary

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



138.4650, -22.6980, 14.8860



176.5350, 22.6980, -14.8860

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.



130.9810, -8.1570, -22.8850



138.4650, -22.6980, 14.8860



137.5090, 34.7550, -7.6210

Square

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



138.4650, -22.6980, 14.8860



140.3970, 41.9030, 17.0310



135.0180, 16.7840, -17.8400



119.9250, -66.4770, -23.2210

Rectangle

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



138.4650, -22.6980, 14.8860



141.7880, 22.0490, 24.4250



135.0180, 16.7840, -17.8400



127.9880, -27.2300, -24.1420

Sweetspot

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



138.4650, -22.6980, 14.8860



225.1980, -9.1250, 5.6830



169.1370, -34.6590, -16.1550



110.7700, -5.0440, 3.3080



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.



138.4650, -22.6980, 14.8860



166.3900, -35.3080, 23.1560



139.7600, -7.1110, 24.2570



86.6130, -3.1640, 2.2760



31.5130, -57.0430, 37.1090



5.8820, -11.0510, 7.5490

Inverse Universe

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



145.8630, 34.6590, 16.1550



177.8980, 53.9140, 25.1300



175.2400, 7.1110, -24.2570



87.8050, 5.0430, 2.2190



49.8640, 86.7850, 40.6490



9.7250, 17.1920, 7.8160

Previews

White Background



This preview shows how the YIQ color 138.4650, -22.6980, 14.8860 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 138.4650, -22.6980, 14.8860 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 138.4650, -22.6980, 14.8860

Background



This preview shows how black text looks on a background with the YIQ color 138.4650, -22.6980, 14.8860.



This preview shows how white text looks on a background with the YIQ color 138.4650, -22.6980,

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

138.4650, -22.6980, 14.8860

Protanopia

137.9700, -25.6780, 13.8260

Deuteranopia

137.8560, -25.3570, 13.5150



Tritanopia

136.0780, -17.8350, -1.6670

Trichromacy



Original Color

138.4650, -22.6980, 14.8860

Protanomaly

138.2690, -25.0820, 14.0380

Deuteranomaly

138.1550, -24.7610, 13.7270

Tritanomaly

136.6960, -19.3950, 4.5810

Monochromacy



Original Color

138.4650, -22.6980, 14.8860

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

138.3830, -8.2080, 5.5840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.4650, -22.6980, 14.8860 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(126, 135, 189)` looks like.

```
.text, #text, p{  
    color:rgb(126, 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(126, 135, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 135, 189) }
```

Border

The CSS property to change the border of an element to YIQ 138.4650, -22.6980, 14.8860 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(126, 135, 189) }
```


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

```
.border{ border-color:rgb(126, 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(126, 135, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 135, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 135, 189);  
box-shadow:4px 4px 4px 4px rgb(126, 135,  
189) }
```

Background

The CSS property to change the background color of an element to YIQ 138.4650, -22.6980, 14.8860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 135, 189) }
```

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

```
.background{ background-color: rgb(126,  
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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