

Converting Colors

YIQ(159.2130, -22.6490,
-2.5290)

Have a look what the booklet for
YIQ(159.2130, -22.6490, -2.5290)
contains.

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Color

**YIQ(159.2130, -22.6490,
-2.5290)**

Conversions

Conversions Part 1

Format	Color
Hex	88A7B4
RGB	136, 167, 180
RGB Percent	53%, 65%, 71%
CMY	0.4667, 0.3450, 0.2942
CMYK	0.24, 0.07, 0.00, 0.29
HSL	198°, 23%, 62%
HSV	198°, 24%, 71%
XYZ	32.2074, 36.1693, 48.4503
YIQ	159.2130, -22.6490, -2.5290

Conversions

Conversions Part 2

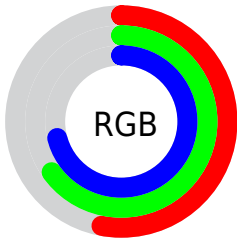
Format	Color
RYB	136, 154, 180
Decimal	8955828
CIELab	66.65, -7.66, -10.19
CIElCh	67, 12.749, 233.066
Yxy	36.1693, 0.2757, 0.3096
Android (android.graphics.Color)	4287145908 (0xFF88A7B4)
YUV	159.2130, 10.2480, -20.3578
Hunter-Lab	60.1409, -9.6543, -5.6661

Details

The YIQ color $159.2130, -22.6490, -2.5290$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $156.7870, 22.6490, 2.5290$, and the grayscale version is $159.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $214.0280, -23.5660, -2.4300$, and $107.3980, -21.7320, -2.6280$ is the 20% darker color. If you saturate the color by 10%, you get $150.8960, -32.0020, -3.7300$, and if you desaturate by 10%, it is $167.5300, -13.2960, -1.3280$.

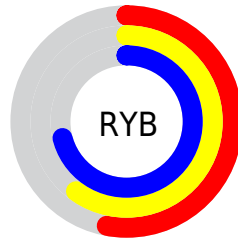
Distribution



Red (53%)

Green (65%)

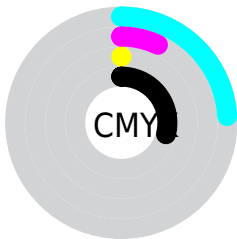
Blue (71%)



Red (53%)

Yellow (60%)

Blue (71%)

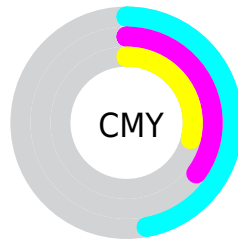


Cyan (24%)

Magenta (7%)

Yellow (0%)

Black (29%)



Cyan (47%)

Magenta (35%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 159.2130, -22.6490, -2.5290 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 159.2130, -22.6490, -2.5290 by changing the saturation by 10% instead.

■ 159.2130,
-22.6490, -2.5290

■ 159.2130,
-22.6490, -2.5290

■ 255.0000, -0.0000,
-0.0000

■ 133.0990,
-22.3280, -2.8400

■ 214.0280,
-23.5660, -2.4300

■ 107.3980,
-21.7320, -2.6280

■ 241.5890,
-20.9520, -5.7520

■ 83.2840, -21.4110,
-2.9390

■ 252.6080, -4.7680,
-1.6960

■ 59.2840, -21.4110,
-2.9390

■ 36.2730, -22.8780,
-3.8860

■ 18.5510, -17.7890,
-2.5010

■ 1.2540, -3.5310,

3.4210

■ 0.0000, 0.0000,
0.0000

■ 159.2130,
-22.6490, -2.5290

■ 159.2130,
-22.6490, -2.5290

■ 150.8960,
-32.0020, -3.7300

■ 167.5300,
-13.2960, -1.3280

■ 141.9920,
-41.0800, -4.4080

■ 176.4340, -4.2180,
-0.6500

■ 133.6750,
-50.4330, -5.6090

■ 184.7510, 5.1350,
0.5510

■ 125.3580,
-59.7860, -6.8100

■ 193.0680, 14.4880,
1.7520

■ 117.0410,
-69.1390, -8.0110

■ 201.9720, 23.5660,
2.4300

■ 108.1370,
-78.2170, -8.6890

■ 210.2890, 32.9190,
3.6310

■ 99.8200, -87.5700,
-9.8900

■ 216.5130, 38.1000,
3.3480

■ 95.0690, -92.7050,
-10.4410

■ 219.4480, 36.7250,
0.7330

■ 222.9700, 35.0750,
-2.4050

Harmonies

Analogous

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



158.4640, -22.0980, -7.0100



159.2130, -22.6490, -2.5290



161.3110, -16.8730, 2.9270

Triad

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



159.2130, -22.6490, -2.5290



164.8110, 14.0740, 9.2580



160.7800, 6.1910, -7.5770

Complementary

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



159.2130, -22.6490, -2.5290



156.7870, 22.6490, 2.5290

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.



161.9060, 14.7640, -3.2520



159.2130, -22.6490, -2.5290



164.4540, 19.3930, 6.4730

Square

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



159.2130, -22.6490, -2.5290



164.5480, 4.6290, 9.7250



163.2920, 19.6690, 1.4690



159.4520, -4.6290, -9.7250

Rectangle

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



159.2130, -22.6490, -2.5290



162.1270, -10.3630, 6.0930



163.2920, 19.6690, 1.4690



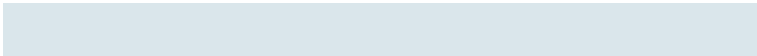
161.2750, 9.1710, -6.5170

Sweetspot

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



159.2130, -22.6490, -2.5290



226.9820, -8.7570, -0.9890



163.1960, -15.9520, -19.2800



113.1350, -4.8140, -0.8620



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.



159.2130, -22.6490, -2.5290



202.9280, -35.0280, -3.9560



146.8860, -16.8740, 8.4540



85.1350, -4.8140, -0.8620



80.8380, -78.8130, -8.9010



13.5300, -13.2960, -1.3280

Inverse Universe

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



152.6900, 16.2730, 18.9690



192.8040, 25.1200, 29.3440



169.1140, 16.8740, -8.4540



83.4890, 3.1170, 4.0850



58.0590, 56.5200, 66.0240



9.8260, 9.7180, 11.1100

Previews

White Background



This preview shows how the YIQ color 159.2130, -22.6490, -2.5290 looks on a white background.

Color Contrast Check

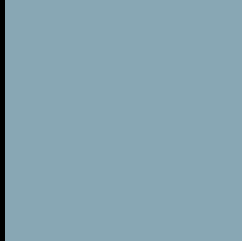
Large Text (above 18pt) WCAG AA × Fail

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 159.2130, -22.6490, -2.5290 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 ✓ Pass

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

YIQ 159.2130, -22.6490, -2.5290

Background



This preview shows how black text looks on a background with the YIQ color 159.2130, -22.6490, -2.5290.



This preview shows how white text looks on a background with the YIQ color 159.2130, -22.6490, -2.5290.

-2.5290.

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

159.2130, -22.6490, -2.5290

Protanopia

162.4110, -5.4110, 4.4530

Deuteranopia

163.1390, -1.4690, 10.1070



Tritanopia

159.2130, -22.6490, -2.5290

Trichromacy



Original Color

159.2130, -22.6490, -2.5290

Protanomaly

161.0080, -11.6460, 1.8100

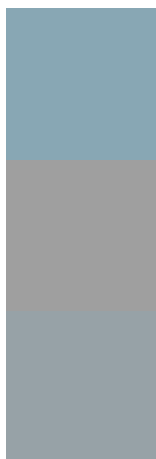
Deuteranomaly

161.7850, -9.4000, 5.1600

Tritanomaly

159.2130, -22.6490, -2.5290

Monochromacy



Original Color

159.2130, -22.6490, -2.5290

Achromatopsia

159.0000, -0.0000, 0.0000

Achromatomaly

159.2810, -8.1610, -0.7770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.2130, -22.6490, -2.5290 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(136, 167, 180)` looks like.

```
.text, #text, p{  
    color:rgb(136, 167, 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(136, 167, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 167, 180) }
```

Border

The CSS property to change the border of an element to YIQ 159.2130, -22.6490, -2.5290 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(136, 167, 180) }
```


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

```
.border{ border-color:rgb(136, 167, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 167, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 167, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 167, 180);  
box-shadow:4px 4px 4px 4px rgb(136, 167,  
180) }
```

Background

The CSS property to change the background color of an element to YIQ 159.2130, -22.6490, -2.5290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 167, 180) }
```

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

```
.background{ background-color: rgb(136,  
167, 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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