

Converting Colors

YIQ(138.7930, -22.1870,
-21.9230)

Have a look what the booklet for
YIQ(138.7930, -22.1870, -21.9230)
contains.

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Color

**YIQ(138.7930, -22.1870,
-21.9230)**

Conversions

Conversions Part 1

Format	Color
Hex	689F7E
RGB	104, 159, 126
RGB Percent	41%, 62%, 49%
CMY	0.5923, 0.3764, 0.5059
CMYK	0.35, 0.00, 0.21, 0.38
HSL	144°, 22%, 52%
HSV	144°, 35%, 62%
XYZ	21.8714, 29.2509, 24.2265
YIQ	138.7930, -22.1870, -21.9230

Conversions

Conversions Part 2

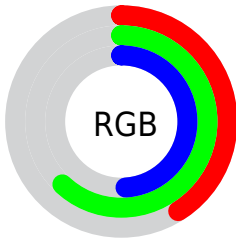
Format	Color
RYB	104, 143, 159
Decimal	6856574
CIELab	61.00, -25.51, 11.57
CIELCh	61, 28.013, 155.603
Yxy	29.2509, 0.2903, 0.3882
Android (android.graphics.Color)	4285046654 (0xFF689F7E)
YUV	138.7930, -6.3069, -30.5135
Hunter-Lab	54.0841, -22.4624, 11.3004

Details

The YIQ color **138.7930, -22.1870, -21.9230** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **124.2070, 22.1870, 21.9230**, and the grayscale version is **139.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **192.9670, -22.7370, -22.9690**, and **87.7330, -21.9580, -20.5660** is the 20% darker color. If you saturate the color by 10%, you get **132.8690, -28.5130, -28.4250**, and if you desaturate by 10%, it is **144.7170, -15.8610, -15.4210**.

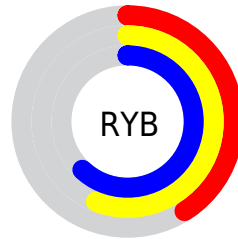
Distribution



Red (41%)

Green (62%)

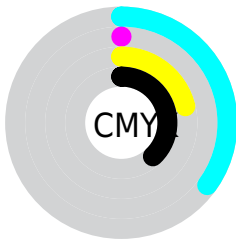
Blue (49%)



Red (41%)

Yellow (56%)

Blue (62%)

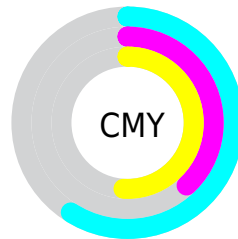


Cyan (35%)

Magenta (0%)

Yellow (21%)

Black (38%)



Cyan (59%)

Magenta (38%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.7930, -22.1870, -21.9230 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 138.7930, -22.1870, -21.9230 by changing the saturation by 10% instead.

■ 138.7930,
-22.1870, -21.9230

■ 138.7930,
-22.1870, -21.9230

■ 255.0000, -0.0000,
-0.0000

■ 113.2060,
-21.9120, -21.4000

■ 192.9670,
-22.7370, -22.9690

■ 87.7330, -21.9580,
-20.5660

■ 221.1410,
-23.2870, -24.0150

■ 63.2490, -23.4710,
-20.6790

■ 239.7490,
-18.8870, -15.6470

■ 38.3950, -26.8180,
-20.5940

■ 250.8140, -8.3440,
-2.9680

■ 22.9730, -13.7060,
-15.9300

■ 4.1090, -1.9250,
-3.6610

■ 0.0000, 0.0000,

0.0000

■ 138.7930,
-22.1870, -21.9230

■ 138.7930,
-22.1870, -21.9230

■ 132.8690,
-28.5130, -28.4250

■ 144.7170,
-15.8610, -15.4210

■ 127.0590,
-35.1600, -34.6160

■ 150.5270, -9.2140,
-9.2300

■ 121.1350,
-41.4860, -41.1180

■ 156.4510, -2.8880,
-2.7280

■ 115.3250,
-48.1330, -47.3090

■ 162.2610, 3.7590,
3.4630

■ 109.4010,
-54.4590, -53.8110

■ 167.8860, 9.4890,
9.7530

■ 103.8900,
-60.5100, -59.7900

■ 173.6960, 16.1360,
15.9440

■ 100.6290,
-64.2690, -63.2530

■ 179.6200, 22.4620,
22.4460

■ 185.4300, 29.1090,
28.6370

■ 191.3540, 35.4350,
35.1390

Harmonies

Analogous

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



142.2490, 2.8920, -19.3800



138.7930, -22.1870, -21.9230



134.7440, -46.8540, -20.9180

Triad

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



138.7930, -22.1870, -21.9230



145.3990, -31.5000, 9.2040



149.4690, 41.4000, 9.6240

Complementary

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



138.7930, -22.1870, -21.9230



124.2070, 22.1870, 21.9230

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.



150.3300, 34.8420, 18.3460



138.7930, -22.1870, -21.9230



149.8540, -4.6800, 18.7440

Square

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



138.7930, -22.1870, -21.9230



138.2880, -53.5970, -3.3330



151.3530, 18.8400, 22.0080



147.7530, 37.1840, -2.0800

Rectangle

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



138.7930, -22.1870, -21.9230



132.8060, -58.5920, -17.4400



151.3530, 18.8400, 22.0080



149.3920, 40.2990, 13.0590

Sweetspot

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



138.7930, -22.1870, -21.9230



199.2390, -8.3430, -8.4950



146.4510, 5.1390, -21.5570



100.2010, -5.1800, -5.2440



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



138.7930, -22.1870, -21.9230



174.9450, -34.8390, -34.9270



141.8710, -30.8540, -13.5260



76.0380, -3.1630, -3.2510



90.4390, -57.6220, -57.0620



9.4890, -6.0510, -5.9790

Inverse Universe

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



124.2070, 22.1870, 21.9230



151.9410, 35.1600, 34.6160



121.1290, 30.8540, 13.5260



73.9620, 3.1630, 3.2510



52.5610, 57.6220, 57.0620



5.5110, 6.0510, 5.9790

Previews

White Background



This preview shows how the YIQ color 138.7930, -22.1870, -21.9230 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 138.7930, -22.1870, -21.9230 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 138.7930, -22.1870, -21.9230 Background



This preview shows how black text looks on a background with the YIQ color 138.7930, -22.1870, -21.9230.



This preview shows how white text looks on a background with the YIQ color 138.7930, -22.1870, -21.9230.

-21.9230.

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

138.7930, -22.1870, -21.9230

Protanopia

145.7270, 13.7100, -6.1780

Deuteranopia

147.5200, 19.0270, 2.0910



Tritanopia

142.8100, -28.8840, -5.1720

Trichromacy



Original Color

138.7930, -22.1870, -21.9230

Protanomaly

143.2090, 0.3690, -12.1990

Deuteranomaly

144.6380, 3.7150, -6.7570

Tritanomaly

141.3770, -26.4070, -11.5190

Monochromacy



Original Color

138.7930, -22.1870, -21.9230

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

138.6520, -8.0680, -7.9720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.7930, -22.1870, -21.9230 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(104, 159, 126)` looks like.

```
.text, #text, p{  
    color:rgb(104, 159, 126)  
}
```

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(104, 159, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 159, 126) }
```

Border

The CSS property to change the border of an element to YIQ 138.7930, -22.1870, -21.9230 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(104, 159, 126) }
```


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

```
.border{ border-color:rgb(104, 159, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 159, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 159, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 159, 126);  
box-shadow:4px 4px 4px 4px rgb(104, 159,  
126) }
```

Background

The CSS property to change the background color of an element to YIQ 138.7930, -22.1870, -21.9230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 159, 126) }
```

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

```
.background{ background-color: rgb(104,  
159, 126) }
```

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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