

Converting Colors

YIQ(138.4710, -22.8350,
11.8610)

Have a look what the booklet for
YIQ(138.4710, -22.8350, 11.8610)
contains.

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Color

**YIQ(138.4710, -22.8350,
11.8610)**

Conversions

Conversions Part 1

Format	Color
Hex	7C89B8
RGB	124, 137, 184
RGB Percent	49%, 54%, 72%
CMY	0.5137, 0.4627, 0.2786
CMYK	0.33, 0.26, 0.00, 0.28
HSL	227°, 30%, 60%
HSV	227°, 33%, 72%
XYZ	25.9069, 25.6373, 48.9127
YIQ	138.4710, -22.8350, 11.8610

Conversions

Conversions Part 2

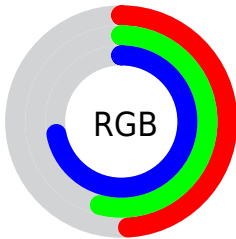
Format	Color
RYB	124, 135, 184
Decimal	8161720
CIELab	57.69, 6.55, -26.12
CIElCh	58, 26.929, 284.083
Yxy	25.6373, 0.2579, 0.2552
Android (android.graphics.Color)	4286351800 (0xFF7C89B8)
YUV	138.4710, 22.4458, -12.6911
Hunter-Lab	50.6333, 2.7226, -21.8319

Details

The YIQ color $138.4710, -22.8350, 11.8610$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $169.5290, 22.8350, -11.8610$, and the grayscale version is $138.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $192.1120, -23.2020, 13.0060$, and $87.8300, -22.4680, 10.7160$ is the 20% darker color. If you saturate the color by 10%, you get $124.8710, -29.7130, 15.3670$, and if you desaturate by 10%, it is $152.0710, -15.9570, 8.3550$.

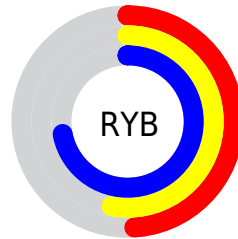
Distribution



Red (49%)

Green (54%)

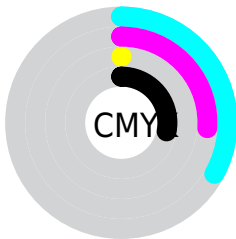
Blue (72%)



Red (49%)

Yellow (53%)

Blue (72%)

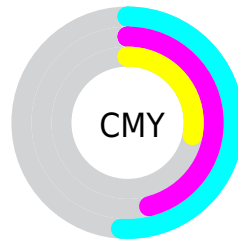


Cyan (33%)

Magenta (26%)

Yellow (0%)

Black (28%)



Cyan (51%)

Magenta (46%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.4710, -22.8350, 11.8610 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 138.4710, -22.8350, 11.8610 by changing the saturation by 10% instead.

■ 138.4710,
-22.8350, 11.8610

■ 138.4710,
-22.8350, 11.8610

■ 255.0000, -0.0000,
-0.0000

■ 112.9440,
-22.7890, 11.0270

■ 192.1120,
-23.2020, 13.0060

■ 87.8300, -22.4680,
10.7160

■ 218.6300,
-19.0290, 8.9630

■ 63.8900, -22.6970,
9.3590

■ 243.4380,
-10.0410, 0.2550

■ 40.4660, -24.4390,
7.8890

■ 19.5260, -24.6680,
6.5320

■ 5.2780, -12.1060,
10.1500

■ 1.3680, -3.8520,

3.7320

■ 0.0000, 0.0000,
0.0000

■ 138.4710,
-22.8350, 11.8610

■ 138.4710,
-22.8350, 11.8610

■ 124.8710,
-29.7130, 15.3670

■ 152.0710,
-15.9570, 8.3550

■ 110.3850,
-36.9120, 19.1840

■ 166.5570, -8.7580,
4.5380

■ 96.7850, -43.7900,
22.6900

■ 180.1570, -1.8800,
1.0320

■ 82.2990, -50.9890,
26.5070

■ 194.6430, 5.3190,
-2.7850

■ 68.6990, -57.8670,
30.0130

■ 208.2430, 12.1970,
-6.2910

■ 55.0990, -64.7450,
33.5190

■ 221.8430, 19.0750,
-9.7970

■ 44.4560, -70.0640,
36.3040

■ 236.3290, 26.2740,
-13.6140

■ 245.1450, 23.6160,
-20.5120

■ 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.



132.5880, -45.5740, -0.0540



138.4710, -22.8350, 11.8610



141.9750, 2.2890, 19.0970

Triad

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



138.4710, -22.8350, 11.8610



139.6920, 39.1540, 6.2740



129.7970, -28.0100, -21.0180

Complementary

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



138.4710, -22.8350, 11.8610



169.5290, 22.8350, -11.8610

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.



133.1280, -4.0770, -19.7330



138.4710, -22.8350, 11.8610



138.4210, 32.1870, -5.1330

Square

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



138.4710, -22.8350, 11.8610



140.9340, 35.8970, 15.7450



136.4250, 17.1960, -14.2920



125.9440, -50.2930, -19.1650

Rectangle

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



138.4710, -22.8350, 11.8610



142.1570, 16.4560, 21.1600



136.4250, 17.1960, -14.2920



130.9890, -19.8030, -21.0750

Sweetspot

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



138.4710, -22.8350, 11.8610



221.6710, -9.0790, 4.8490



164.4640, -31.2660, -17.0740



109.0580, -5.9150, 2.5730



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.



138.4710, -22.8350, 11.8610



168.4560, -35.6740, 18.7740



135.6240, -9.7240, 22.0520



85.2000, -3.4390, 1.7530



37.7420, -59.4260, 30.7340



6.7140, -10.6380, 5.5700

Inverse Universe

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



143.4220, 31.5870, 16.7630



176.3860, 49.6040, 26.1480



172.3760, 9.7240, -22.0520



85.9190, 4.7220, 2.5300



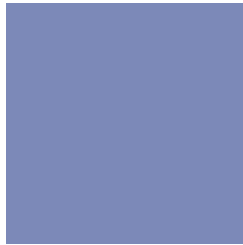
50.5200, 82.0620, 43.6460



9.0560, 14.7620, 7.8020

Previews

White Background



This preview shows how the YIQ color 138.4710, -22.8350, 11.8610 looks on a white background.

Color Contrast Check

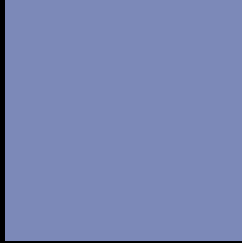
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.4710, -22.8350, 11.8610 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

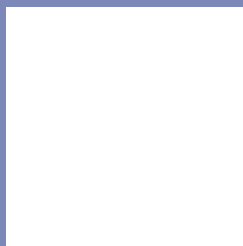
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 138.4710, -22.8350, 11.8610

Background



This preview shows how black text looks on a background with the YIQ color 138.4710, -22.8350, 11.8610.



This preview shows how white text looks on a background with the YIQ color 138.4710, -22.8350, 11.8610.

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

138.4710, -22.8350, 11.8610

Protanopia

138.7700, -22.2390, 12.0730

Deuteranopia

138.7810, -20.7720, 13.0200



Tritanopia

136.4800, -19.0270, -2.0910

Trichromacy



Original Color

138.4710, -22.8350, 11.8610

Protanomaly

138.7700, -22.2390, 12.0730

Deuteranomaly

138.4820, -21.3680, 12.8080

Tritanomaly

137.4570, -20.2200, 3.0120

Monochromacy



Original Color

138.4710, -22.8350, 11.8610

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

138.4430, -8.4370, 4.2270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.4710, -22.8350, 11.8610 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(124, 137, 184)` looks like.

```
.text, #text, p{  
    color:rgb(124, 137, 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(124, 137, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 137, 184) }
```

Border

The CSS property to change the border of an element to YIQ 138.4710, -22.8350, 11.8610 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(124, 137, 184) }
```


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

```
.border{ border-color:rgb(124, 137, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 137, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 137, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 137, 184);  
box-shadow:4px 4px 4px 4px rgb(124, 137,  
184) }
```

Background

The CSS property to change the background color of an element to YIQ 138.4710, -22.8350, 11.8610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 137, 184) }
```

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

```
.background{ background-color: rgb(124,  
137, 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](#).

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