

Converting Colors

YIQ(139.8950, -22.2340,
-15.5620)

Have a look what the booklet for
YIQ(139.8950, -22.2340, -15.5620)
contains.

YIQ(139.8950, -22.2340, -15.5620)	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(139.8950, -22.2340,
-15.5620)**

Conversions

Conversions Part 1

Format	Color
Hex	6D9C8A
RGB	109, 156, 138
RGB Percent	43%, 61%, 54%
CMY	0.5727, 0.3881, 0.4589
CMYK	0.30, 0.00, 0.12, 0.39
HSL	157°, 19%, 52%
HSV	157°, 30%, 61%
XYZ	22.7807, 28.8672, 28.4088
YIQ	139.8950, -22.2340, -15.5620

Conversions

Conversions Part 2

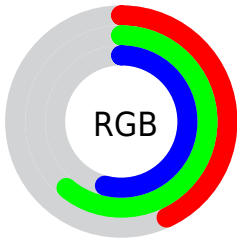
Format	Color
RYB	109, 138, 156
Decimal	7183498
CIELab	60.66, -19.87, 4.38
CIElCh	61, 20.342, 167.564
Yxy	28.8672, 0.2846, 0.3606
Android (android.graphics.Color)	4285373578 (0xFF6D9C8A)
YUV	139.8950, -0.9342, -27.0949
Hunter-Lab	53.7282, -18.3407, 6.2601

Details

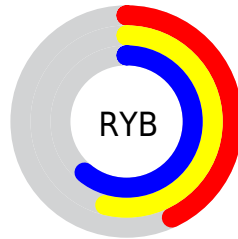
The YIQ color **139.8950, -22.2340, -15.5620** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **125.1050, 22.2340, 15.5620**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.0690, -22.7840, -16.6080**, and **89.3080, -21.9590, -15.0390** is the 20% darker color. If you saturate the color by 10%, you get **134.4270, -29.8440, -20.8200**, and if you desaturate by 10%, it is **145.3630, -14.6240, -10.3040**.

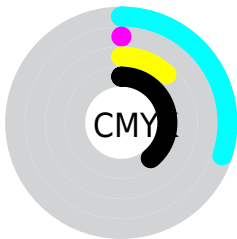
Distribution



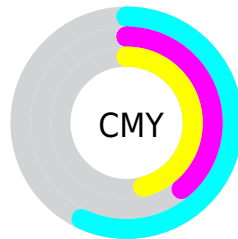
- Red (43%)
- Green (61%)
- Blue (54%)



- Red (43%)
- Yellow (54%)
- Blue (61%)



- Cyan (30%)
- Magenta (0%)
- Yellow (12%)
- Black (39%)



- Cyan (57%)
- Magenta (39%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 139.8950, -22.2340, -15.5620 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 139.8950, -22.2340, -15.5620 by changing the saturation by 10% instead.

■ 139.8950,
-22.2340, -15.5620

■ 139.8950,
-22.2340, -15.5620

■ 255.0000, -0.0000,
-0.0000

■ 114.3080,
-21.9590, -15.0390

■ 194.0690,
-22.7840, -16.6080

■ 89.3080, -21.9590,
-15.0390

■ 221.7700,
-23.3800, -16.8200

■ 64.8350, -22.0050,
-14.2050

■ 242.8400,
-20.4010, -10.2330

■ 41.0520, -24.1140,
-14.5300

■ 252.3090, -5.3640,
-1.9080

■ 23.0530, -16.6870,
-11.4630

■ 2.9350, -1.3750,
-2.6150

■ 0.0000, 0.0000,

0.0000

■ 139.8950,
-22.2340, -15.5620

■ 139.8950,
-22.2340, -15.5620

■ 134.4270,
-29.8440, -20.8200

■ 145.3630,
-14.6240, -10.3040

■ 129.2580,
-36.8580, -25.8660

■ 150.5320, -7.6100,
-5.2580

■ 123.7900,
-44.4680, -31.1240

■ 156.0000, -0.0000,
-0.0000

■ 118.6210,
-51.4820, -36.1700

■ 161.1690, 7.0140,
5.0460

■ 113.1530,
-59.0920, -41.4280

■ 166.6370, 14.6240,
10.3040

■ 107.6850,
-66.7020, -46.6860

■ 172.1050, 22.2340,
15.5620

■ 102.5160,
-73.7160, -51.7320

■ 177.2740, 29.2480,
20.6080

■ 182.7420, 36.8580,
25.8660

■ 187.9110, 43.8720,
30.9120

Harmonies

Analogous

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



141.9910, -4.9490, -14.9410



139.8950, -22.2340, -15.5620



138.3590, -35.1640, -12.5080

Triad

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



139.8950, -22.2340, -15.5620



146.6090, -14.5360, 10.1360



147.7340, 30.1680, 3.9280

Complementary

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



139.8950, -22.2340, -15.5620



125.1050, 22.2340, 15.5620

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.



148.8790, 28.5620, 11.0100



139.8950, -22.2340, -15.5620



148.9380, 3.7110, 15.3510

Square

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



139.8950, -22.2340, -15.5620



143.0690, -30.8110, 2.2210



149.5500, 19.4830, 15.8590



146.6420, 24.2550, -4.5530

Rectangle

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



139.8950, -22.2340, -15.5620



138.8410, -39.3370, -8.4650



149.5500, 19.4830, 15.8590



148.5000, 30.9470, 6.3310

Sweetspot

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



139.8950, -22.2340, -15.5620



197.8200, -8.4810, -5.9930



142.2700, -1.6010, -20.5530



98.2550, -5.2720, -3.5760



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



139.8950, -22.2340, -15.5620



178.9810, -34.5200, -24.1840



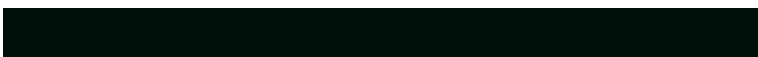
139.0120, -26.6370, -7.3490



76.2660, -3.8050, -2.6290



93.9730, -67.5730, -47.4210



9.8310, -7.0140, -5.0460

Inverse Universe

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



125.1050, 22.2340, 15.5620



156.0190, 34.5200, 24.1840



125.9880, 26.6370, 7.3490



73.7340, 3.8050, 2.6290



49.0270, 67.5730, 47.4210



5.1690, 7.0140, 5.0460

Previews

White Background



This preview shows how the YIQ color 139.8950, -22.2340, -15.5620 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 139.8950, -22.2340, -15.5620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

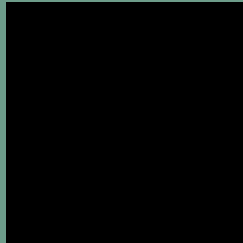
Any Text WCAG AA ✓ Pass

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 139.8950, -22.2340, -15.5620 Background



This preview shows how black text looks on a background with the YIQ color 139.8950, -22.2340, -15.5620.



This preview shows how white text looks on a background with the YIQ color 139.8950, -22.2340, -15.5620.

-15.5620.

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

139.8950, -22.2340, -15.5620

Protanopia

145.6110, 8.3450, -2.5590

Deuteranopia

147.2790, 12.5160, 4.4520



Tritanopia

142.3050, -25.9040, -4.1120

Trichromacy



Original Color

139.8950, -22.2340, -15.5620

Protanomaly

143.4030, -2.9330, -7.4210

Deuteranomaly

144.4190, 0.1380, -2.5020

Tritanomaly

141.2680, -24.4820, -7.8580

Monochromacy



Original Color

139.8950, -22.2340, -15.5620

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.1190, -7.8850, -5.7810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 139.8950, -22.2340, -15.5620 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(109, 156, 138)` looks like.

```
.text, #text, p{  
    color:rgb(109, 156, 138)  
}
```

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(109, 156, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 156, 138) }
```

Border

The CSS property to change the border of an element to YIQ 139.8950, -22.2340, -15.5620 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(109, 156, 138) }
```


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

```
.border{ border-color:rgb(109, 156, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 156, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 156, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 156, 138);  
box-shadow:4px 4px 4px 4px rgb(109, 156,  
138) }
```

Background

The CSS property to change the background color of an element to YIQ 139.8950, -22.2340, -15.5620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 156, 138) }
```

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

```
.background{ background-color: rgb(109,  
156, 138) }
```

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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