

Converting Colors

YIQ(136.2170, -11.2770,
-10.3890)

Have a look what the booklet for
YIQ(136.2170, -11.2770, -10.3890)
contains.

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Color

**YIQ(136.2170, -11.2770,
-10.3890)**

Conversions

Conversions Part 1

Format	Color
Hex	779283
RGB	119, 146, 131
RGB Percent	47%, 57%, 51%
CMY	0.5334, 0.4274, 0.4863
CMYK	0.19, 0.00, 0.10, 0.43
HSL	147°, 11%, 52%
HSV	147°, 19%, 57%
XYZ	21.9820, 26.1203, 25.3529
YIQ	136.2170, -11.2770, -10.3890

Conversions

Conversions Part 2

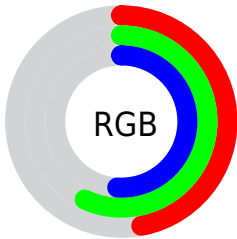
Format	Color
R_{YB}	119, 138, 146
Decimal	7836291
CIE _{Lab}	58.15, -12.71, 4.80
CIE _{LCh}	58, 13.584, 159.284
Yxy	26.1203, 0.2993, 0.3556
Android (android.graphics.Color)	4286026371 (0xFF779283)
YUV	136.2170, -2.5720, -15.0993
Hunter-Lab	51.1081, -12.6649, 6.3640

Details

The YIQ color $136.2170, -11.2770, -10.3890$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $128.7830, 11.2770, 10.3890$, and the grayscale version is $136.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $189.8040, -11.5520, -10.9120$, and $86.0430, -10.7270, -9.3430$ is the 20% darker color. If you saturate the color by 10%, you get $130.8200, -17.6490, -16.0570$, and if you desaturate by 10%, it is $141.6140, -4.9050, -4.7210$.

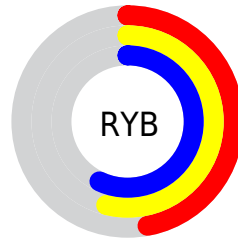
Distribution



Red (47%)

Green (57%)

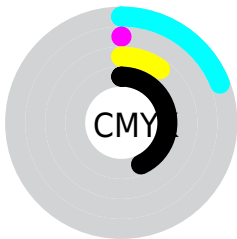
Blue (51%)



Red (47%)

Yellow (54%)

Blue (57%)

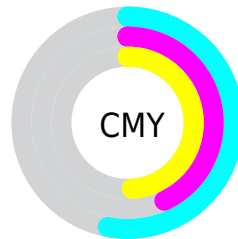


Cyan (19%)

Magenta (0%)

Yellow (10%)

Black (43%)



Cyan (53%)

Magenta (43%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.2170, -11.2770, -10.3890 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 136.2170, -11.2770, -10.3890 by changing the saturation by 10% instead.

■ 136.2170,
-11.2770, -10.3890

■ 136.2170,
-11.2770, -10.3890

■ 255.0000, -0.0000,
-0.0000

■ 110.6300,
-11.0020, -9.8660

■ 189.5050,
-12.1480, -11.1240

■ 86.0430, -10.7270,
-9.3430

■ 217.5050,
-12.1480, -11.1240

■ 63.0430, -10.7270,
-9.3430

■ 244.9180,
-11.8730, -10.6010

■ 40.4560, -10.4520,
-8.8200

■ 18.8580, -11.6440,
-9.2440

■ 0.0000, 0.0000,
0.0000

■ 136.2170,
-11.2770, -10.3890

■ 136.2170,
-11.2770, -10.3890

■ 130.8200,
-17.6490, -16.0570

■ 141.6140, -4.9050,
-4.7210

■ 125.7220,
-23.4250, -21.5130

■ 146.7120, 0.8710,
0.7350

■ 120.3250,
-29.7970, -27.1810

■ 152.1090, 7.2430,
6.4030

■ 115.2270,
-35.5730, -32.6370

■ 157.2070, 13.0190,
11.8590

■ 109.7160,
-41.6240, -38.6160

■ 162.7180, 19.0700,
17.8380

■ 104.3190,
-47.9960, -44.2840

■ 168.1150, 25.4420,
23.5060

■ 99.2210, -53.7720,
-49.7400


■ 173.2130, 31.2180,
28.9620


■ 93.8240, -60.1440,

■ 178.6100, 37.5900,

-55.4080

34.6300

 93.1120, -61.0150,
-56.1430

 183.7080, 43.3660,
40.0860

Harmonies

Analogous

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



137.7900, 0.2310, -9.6970



136.2170, -11.2770, -10.3890



135.4810, -20.7680, -9.0880

Triad

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



136.2170, -11.2770, -10.3890



139.9310, -12.7470, 5.2450



141.3570, 21.0440, 4.0840

Complementary

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



136.2170, -11.2770, -10.3890



128.7830, 11.2770, 10.3890

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.



142.3230, 18.3840, 8.2400



136.2170, -11.2770, -10.3890



141.7970, -0.5060, 9.1740

Square

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



136.2170, -11.2770, -10.3890



137.3920, -21.5950, 0.3970



142.4840, 10.6810, 10.1770



140.2270, 18.2940, -1.1460

Rectangle

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



136.2170, -11.2770, -10.3890



135.5070, -23.6570, -6.2890



142.4840, 10.6810, 10.1770



141.5250, 20.6310, 6.0630

Sweetspot

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



136.2170, -11.2770, -10.3890



184.6140, -4.9050, -4.7210



139.3340, 1.5150, -10.9410



91.8640, -2.6130, -2.2050



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



136.2170, -11.2770, -10.3890



173.8200, -17.6490, -16.0570



137.6990, -15.4500, -6.3460



71.4510, -2.8880, -2.7280



87.9600, -57.5310, -53.2030



6.4400, -4.3550, -3.6750

Inverse Universe

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



128.7830, 11.2770, 10.3890



162.1800, 17.6490, 16.0570



127.3010, 15.4500, 6.3460



69.5490, 2.8880, 2.7280



50.0400, 57.5310, 53.2030



3.6740, 4.0340, 3.9860

Previews

White Background



This preview shows how the YIQ color 136.2170, -11.2770, -10.3890 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 136.2170, -11.2770, -10.3890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

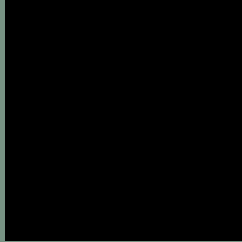
Any Text WCAG AA ✓ Pass

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 136.2170, -11.2770, -10.3890 Background



This preview shows how black text looks on a background with the YIQ color 136.2170, -11.2770, -10.3890.



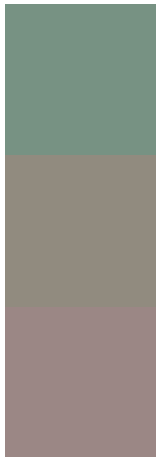
This preview shows how white text looks on a background with the YIQ color 136.2170, -11.2770, -10.3890.

-10.3890.

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

136.2170, -11.2770, -10.3890

Protanopia

139.4260, 7.4280, -2.4600

Deuteranopia

140.7520, 12.5620, 3.6180



Tritanopia

138.2740, -15.4510, -0.8190

Trichromacy



Original Color

136.2170, -11.2770, -10.3890

Protanomaly

138.6100, 0.9180, -5.6260

Deuteranomaly

139.0990, 4.0350, -1.5410

Tritanomaly

137.6500, -13.7540, -4.0420

Monochromacy



Original Color

136.2170, -11.2770, -10.3890

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

136.3260, -4.0340, -3.9860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.2170, -11.2770, -10.3890 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(119, 146, 131)` looks like.

```
.text, #text, p{  
    color:rgb(119, 146, 131)  
}
```

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(119, 146, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 146, 131) }
```

Border

The CSS property to change the border of an element to YIQ 136.2170, -11.2770, -10.3890 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(119, 146, 131) }
```


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

```
.border{ border-color:rgb(119, 146, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 146, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 146, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 146, 131);  
box-shadow:4px 4px 4px 4px rgb(119, 146,  
131) }
```

Background

The CSS property to change the background color of an element to YIQ 136.2170, -11.2770, -10.3890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 146, 131) }
```

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

```
.background{ background-color: rgb(119,  
146, 131) }
```

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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