

Converting Colors

YIQ(132.9710, -10.2240,
-1.9360)

Have a look what the booklet for
YIQ(132.9710, -10.2240, -1.9360)
contains.

YIQ(132.9710, -10.2240, -1.9360)	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(132.9710, -10.2240,
-1.9360)**

Conversions

Conversions Part 1

Format	Color
Hex	7A898D
RGB	122, 137, 141
RGB Percent	48%, 54%, 55%
CMY	0.5216, 0.4627, 0.4471
CMYK	0.13, 0.03, 0.00, 0.45
HSL	193°, 8%, 52%
HSV	193°, 13%, 55%
XYZ	21.7783, 23.9528, 28.6705
YIQ	132.9710, -10.2240, -1.9360

Conversions

Conversions Part 2

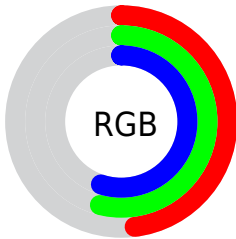
Format	Color
R_{YB}	122, 130, 141
Decimal	8030605
CIE Lab	56.04, -4.56, -3.98
CIE LCh	56, 6.054, 221.137
Yxy	23.9528, 0.2927, 0.3219
Android (android.graphics.Color)	4286220685 (0xFF7A898D)
YUV	132.9710, 3.9583, -9.6216
Hunter-Lab	48.9416, -6.2180, -0.4735

Details

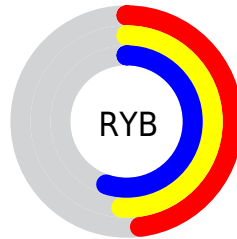
The YIQ color **132.9710, -10.2240, -1.9360** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **130.0290, 10.2240, 1.9360**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.0850, -10.5450, -1.6250**, and **83.2700, -9.6280, -1.7240** is the 20% darker color. If you saturate the color by 10%, you get **127.0240, -17.7430, -3.3350**, and if you desaturate by 10%, it is **138.9180, -2.7050, -0.5370**.

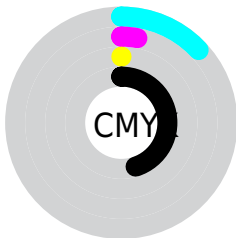
Distribution



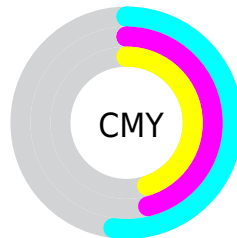
- Red (48%)
- Green (54%)
- Blue (55%)



- Red (48%)
- Yellow (51%)
- Blue (55%)



- Cyan (13%)
- Magenta (3%)
- Yellow (0%)
- Black (45%)



- Cyan (52%)
- Magenta (46%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 132.9710, -10.2240, -1.9360 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 132.9710, -10.2240, -1.9360 by changing the saturation by 10% instead.

■ 132.9710,
-10.2240, -1.9360

■ 132.9710,
-10.2240, -1.9360

■ 255.0000, -0.0000,
-0.0000

■ 107.8570, -9.9030,
-2.2470

■ 186.0850,
-10.5450, -1.6250

■ 83.2700, -9.6280,
-1.7240

■ 213.6720,
-10.8200, -2.1480

■ 60.1560, -9.3070,
-2.0350

■ 242.3730,
-11.4160, -2.3600

■ 38.4550, -8.7110,
-1.8230

■ 17.5580, -10.4990,
-2.4590

■ 0.0000, 0.0000,
0.0000

■ 132.9710,
-10.2240, -1.9360

■ 132.9710,
-10.2240, -1.9360

■ 127.0240,
-17.7430, -3.3350

■ 138.9180, -2.7050,
-0.5370

■ 121.0770,
-25.2620, -4.7340

■ 144.8650, 4.8140,
0.8620

■ 115.1300,
-32.7810, -6.1330

■ 150.8120, 12.3330,
2.2610

■ 109.1830,
-40.3000, -7.5320

■ 156.7590, 19.8520,
3.6600

■ 102.9370,
-48.4150, -9.1430

■ 162.7060, 27.3710,
5.0590

■ 96.9900, -55.9340,
-10.5420

■ 168.9520, 35.4860,
6.6700

■ 91.0430, -63.4530,
-11.9410

■ 174.8990, 43.0050,
8.0690

■ 85.0960, -70.9720,

■ 180.8460, 50.5240,

-13.3400

9.4680

■ 81.2310, -75.7860,
-14.2020

■ 186.7930, 58.0430,
10.8670

Harmonies

Analogous

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



132.9880, -8.8940, -4.0140



132.9710, -10.2240, -1.9360



133.6230, -9.1240, 0.1560

Triad

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



132.9710, -10.2240, -1.9360



135.3860, 4.9050, 4.7210



134.3440, 4.7230, -2.9970

Complementary

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



132.9710, -10.2240, -1.9360



130.0290, 10.2240, 1.9360

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.



134.7790, 7.9320, -0.5800



132.9710, -10.2240, -1.9360



135.5990, 8.6190, 3.4910

Square

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



132.9710, -10.2240, -1.9360



134.9340, 0.3660, 4.3820



134.8440, 9.3070, 2.0350



133.3650, 0.2300, -4.1700

Rectangle

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



132.9710, -10.2240, -1.9360



134.3460, -6.7860, 1.8380



134.8440, 9.3070, 2.0350



134.3550, 6.1900, -2.0500

Sweetspot

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



132.9710, -10.2240, -1.9360



180.4340, -4.2180, -0.6500



133.6090, -6.5090, -8.6930



89.9180, -2.7050, -0.5370



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



132.9710, -10.2240, -1.9360



170.9210, -15.9550, -2.6990



127.6880, -7.7490, 2.7710



68.3200, -3.8970, -0.9610



78.1990, -72.7600, -13.9760



4.4340, -4.2180, -0.6500

Inverse Universe

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



129.3910, 6.5090, 8.6930



165.5920, 10.4970, 13.5130



135.3120, 7.7490, -2.7710



66.7770, 2.2460, 3.3500



52.5630, 46.1130, 61.8970



3.0760, 2.8420, 3.5620

Previews

White Background



This preview shows how the YIQ color 132.9710, -10.2240, -1.9360 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 132.9710, -10.2240, -1.9360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

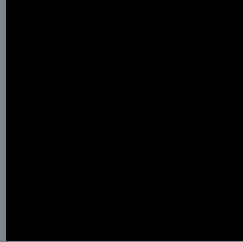
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

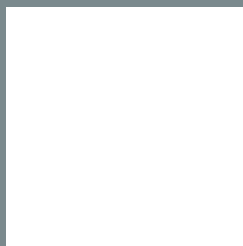
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 132.9710, -10.2240, -1.9360

Background



This preview shows how black text looks on a background with the YIQ color 132.9710, -10.2240, -1.9360.



This preview shows how white text looks on a background with the YIQ color 132.9710, -10.2240, -1.9360.

-1.9360.

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

132.9710, -10.2240, -1.9360

Protanopia

134.2820, -0.7340, 2.2900

Deuteranopia

135.2550, 3.8960, 6.4880



Tritanopia

133.3670, -11.2790, 0.6650

Trichromacy



Original Color

132.9710, -10.2240, -1.9360

Protanomaly

133.4880, -4.3100, 1.0180

Deuteranomaly

134.6240, -1.6970, 3.2230

Tritanomaly

133.1390, -10.6370, 0.0430

Monochromacy



Original Color

132.9710, -10.2240, -1.9360

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.7330, -3.6220, -0.4380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.9710, -10.2240, -1.9360 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(122, 137, 141)` looks like.

```
.text, #text, p{  
    color:rgb(122, 137, 141)  
}
```

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(122, 137, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 137, 141) }
```

Border

The CSS property to change the border of an element to YIQ 132.9710, -10.2240, -1.9360 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(122, 137, 141) }
```


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

```
.border{ border-color:rgb(122, 137, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 137, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 137, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 137, 141);  
box-shadow:4px 4px 4px 4px rgb(122, 137,  
141) }
```

Background

The CSS property to change the background color of an element to YIQ 132.9710, -10.2240, -1.9360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 137, 141) }
```

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

```
.background{ background-color: rgb(122,  
137, 141) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor