

Converting Colors

YIQ(169.7690, -12.4710, 0.2410)

Have a look what the booklet for
YIQ(169.7690, -12.4710, 0.2410)
contains.

YIQ(169.7690, -12.4710, 0.2410)	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(169.7690, -12.4710,
0.2410)**

Conversions

Conversions Part 1

Format	Color
Hex	9EADB8
RGB	158, 173, 184
RGB Percent	62%, 68%, 72%
CMY	0.3804, 0.3215, 0.2785
CMYK	0.14, 0.06, 0.00, 0.28
HSL	205°, 15%, 67%
HSV	205°, 14%, 72%
XYZ	37.6941, 40.6180, 51.1926
YIQ	169.7690, -12.4710, 0.2410

Conversions

Conversions Part 2

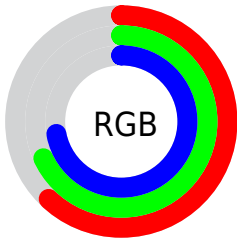
Format	Color
RYB	158, 168, 184
Decimal	10399160
CIELab	69.91, -2.94, -7.40
CIElCh	70, 7.964, 248.339
Yxy	40.6180, 0.2911, 0.3136
Android (android.graphics.Color)	4288589240 (0xFF9EADB8)
YUV	169.7690, 7.0159, -10.3214
Hunter-Lab	63.7322, -5.9587, -3.0118

Details

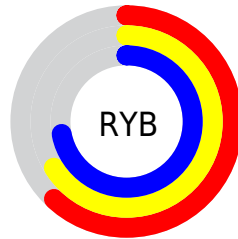
The YIQ color **169.7690, -12.4710, 0.2410** is a light color, and the websafe version is hex **999999**. A complement of this color would be **172.2310, 12.4710, -0.2410**, and the grayscale version is **170.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **224.8830, -12.7920, 0.5520**, and **117.6550, -12.1500, -0.0700** is the 20% darker color. If you saturate the color by 10%, you get **159.6910, -20.9990, 0.6090**, and if you desaturate by 10%, it is **179.8470, -3.9430, -0.1270**.

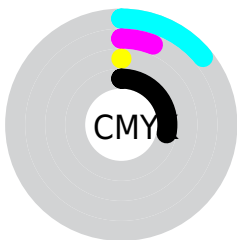
Distribution



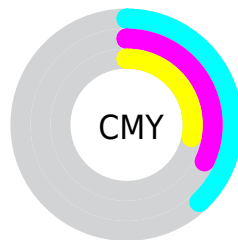
- Red (62%)
- Green (68%)
- Blue (72%)



- Red (62%)
- Yellow (66%)
- Blue (72%)



- Cyan (14%)
- Magenta (6%)
- Yellow (0%)
- Black (28%)



- Cyan (38%)
- Magenta (32%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 169.7690, -12.4710, 0.2410 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 169.7690, -12.4710, 0.2410 by changing the saturation by 10% instead.

■ 169.7690,
-12.4710, 0.2410

■ 169.7690,
-12.4710, 0.2410

■ 255.0000, -0.0000,
-0.0000

■ 143.0680,
-11.8750, 0.4530

■ 224.8830,
-12.7920, 0.5520

■ 117.6550,
-12.1500, -0.0700

■ 250.8140, -8.3440,
-2.9680

■ 92.9540, -11.5540,
0.1420

■ 69.2530, -10.9580,
0.3540

■ 46.8400, -11.2330,
-0.1690

■ 25.7260, -10.9120,
-0.4800

■ 2.4110, -5.4110,

4.4530

■ 0.0000, 0.0000,
0.0000

■ 169.7690,
-12.4710, 0.2410

■ 169.7690,
-12.4710, 0.2410

■ 159.6910,
-20.9990, 0.6090

■ 179.8470, -3.9430,
-0.1270

■ 149.3140,
-30.1230, 0.7650

■ 190.2240, 5.1810,
-0.2830

■ 139.8230,
-38.9260, 0.6100

■ 199.7150, 13.9840,
-0.1280

■ 129.4460,
-48.0500, 0.7660

■ 210.0920, 23.1080,
-0.2840

■ 119.3680,
-56.5780, 1.1340

■ 220.1700, 31.6360,
-0.6520

■ 109.2900,
-65.1060, 1.5020

■ 226.3610, 32.4160,
-3.7760

■ 99.5000, -74.5050,
1.1350

■ 230.4700, 30.4910,
-7.4370

■ 89.4220, -83.0330,
1.5030

■ 235.1660, 28.2910,
-11.6210

■ 83.1980, -88.2140,
1.7860

■ 239.8620, 26.0910,
-15.8050

Harmonies

Analogous

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



169.1770, -13.8000, -3.2080



169.7690, -12.4710, 0.2410



171.1010, -7.4740, 3.2940

Triad

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



169.7690, -12.4710, 0.2410



172.3220, 10.9570, 5.1730



169.3110, 0.3220, -5.8380

Complementary

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



169.7690, -12.4710, 0.2410



172.2310, 12.4710, -0.2410

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.



170.6000, 6.8780, -3.5060



169.7690, -12.4710, 0.2410



172.1110, 12.9290, 2.4730

Square

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



169.7690, -12.4710, 0.2410



172.5110, 6.0510, 5.9790



171.6330, 11.2790, -0.6650



169.0760, -6.3260, -6.5020

Rectangle

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



169.7690, -12.4710, 0.2410



171.4930, -2.7060, 4.9900



171.6330, 11.2790, -0.6650



169.5070, 2.7060, -4.9900

Sweetspot

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



169.7690, -12.4710, 0.2410



234.6620, -4.8600, -0.0280



174.5160, -10.6810, -10.1770



116.4450, -2.7510, 0.2970



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.



169.7690, -12.4710, 0.2410



217.1750, -19.4860, 0.7220



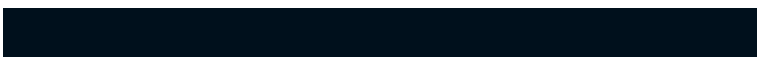
162.1380, -8.8960, 7.0400



86.9610, -4.2640, 0.1840



70.6140, -74.8260, 1.4460



12.5840, -13.3880, 0.3400

Inverse Universe

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



167.4840, 10.6810, 10.1770



213.8810, 17.0530, 15.8450



179.8620, 8.8960, -7.0400



86.2610, 3.7590, 3.4630



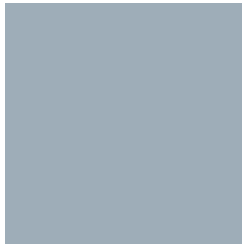
56.9040, 64.0860, 61.0620



10.1960, 11.5520, 10.9120

Previews

White Background



This preview shows how the YIQ color 169.7690, -12.4710, 0.2410 looks on a white background.

Color Contrast Check

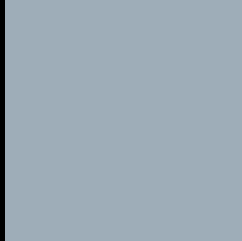
Large Text (above 18pt) WCAG AA × Fail

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 169.7690, -12.4710, 0.2410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

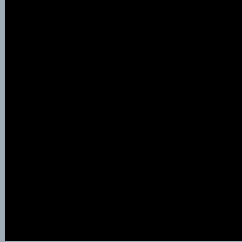
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

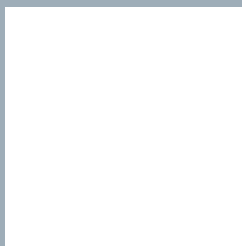
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 169.7690, -12.4710, 0.2410

Background



This preview shows how black text looks on a background with the YIQ color 169.7690, -12.4710, 0.2410.



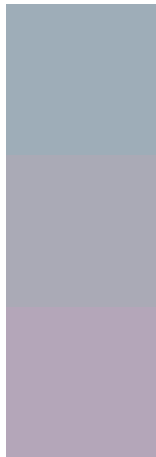
This preview shows how white text looks on a background with the YIQ color 169.7690, -12.4710,

0.2410.

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

169.7690, -12.4710, 0.2410

Protanopia

171.3680, -3.8520, 3.7320

Deuteranopia

172.3520, 2.2450, 8.8770



Tritanopia

169.9970, -13.1130, 0.8630

Trichromacy



Original Color

169.7690, -12.4710, 0.2410

Protanomaly

170.8730, -6.8320, 2.6720

Deuteranomaly

171.7210, -3.3480, 5.6120

Tritanomaly

169.8830, -12.7920, 0.5520

Monochromacy



Original Color

169.7690, -12.4710, 0.2410

Achromatopsia

170.0000, -0.0000, 0.0000

Achromatomaly

169.9610, -4.2640, 0.1840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 169.7690, -12.4710, 0.2410 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(158, 173, 184)` looks like.

```
.text, #text, p{  
    color:rgb(158, 173, 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(158, 173, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 173, 184) }
```

Border

The CSS property to change the border of an element to YIQ 169.7690, -12.4710, 0.2410 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(158, 173, 184) }
```


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

```
.border{ border-color:rgb(158, 173, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 173, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 173, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 173, 184);  
box-shadow:4px 4px 4px 4px rgb(158, 173,  
184) }
```

Background

The CSS property to change the background color of an element to YIQ 169.7690, -12.4710, 0.2410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 173, 184) }
```

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

```
.background{ background-color: rgb(158,  
173, 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](#).

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