

Converting Colors

YIQ(154.6190, -12.4690,
-10.8130)

Have a look what the booklet for
YIQ(154.6190, -12.4690, -10.8130)
contains.

YIQ(154.6190, -12.4690, -10.8130)	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(154.6190, -12.4690,
-10.8130)**

Conversions

Conversions Part 1

Format	Color
Hex	88A596
RGB	136, 165, 150
RGB Percent	53%, 65%, 59%
CMY	0.4667, 0.3529, 0.4118
CMYK	0.18, 0.00, 0.09, 0.35
HSL	149°, 14%, 59%
HSV	149°, 18%, 65%
XYZ	29.1117, 34.3489, 33.9457
YIQ	154.6190, -12.4690, -10.8130

Conversions

Conversions Part 2

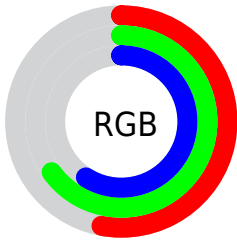
Format	Color
RYB	136, 156, 165
Decimal	8955286
CIELab	65.24, -13.13, 4.45
CIELCh	65, 13.862, 161.265
Yxy	34.3489, 0.2989, 0.3526
Android (android.graphics.Color)	4287145366 (0xFF88A596)
YUV	154.6190, -2.2772, -16.3289
Hunter-Lab	58.6079, -13.8996, 6.6848

Details

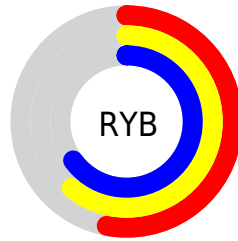
The YIQ color **154.6190, -12.4690, -10.8130** is a light color, and the websafe version is hex **669999**. A complement of this color would be **146.3810, 12.4690, 10.8130**, and the grayscale version is **155.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **209.2060, -12.7440, -11.3360**, and **103.3310, -11.5980, -10.0780** is the 20% darker color. If you saturate the color by 10%, you get **148.5100, -19.7120, -17.2160**, and if you desaturate by 10%, it is **160.4290, -5.8220, -4.6220**.

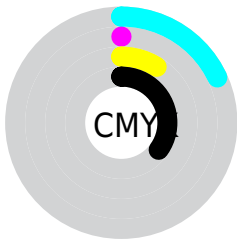
Distribution



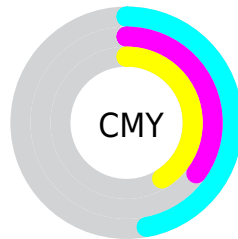
- Red (53%)
- Green (65%)
- Blue (59%)



- Red (53%)
- Yellow (61%)
- Blue (65%)



- Cyan (18%)
- Magenta (0%)
- Yellow (9%)
- Black (35%)



- Cyan (47%)
- Magenta (35%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 154.6190, -12.4690, -10.8130 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 154.6190, -12.4690, -10.8130 by changing the saturation by 10% instead.

■ 154.6190,
-12.4690, -10.8130

■ 154.6190,
-12.4690, -10.8130

■ 255.0000, -0.0000,
-0.0000

■ 128.6190,
-12.4690, -10.8130

■ 209.2060,
-12.7440, -11.3360

■ 103.3310,
-11.5980, -10.0780

■ 237.4940,
-13.6150, -12.0710

■ 79.3310, -11.5980,
-10.0780

■ 252.3090, -5.3640,
-1.9080

■ 56.1570, -11.0480,
-9.0320

■ 34.2710, -11.3690,
-8.7210

■ 14.4130, -8.8930,
-9.5410

■ 0.0000, 0.0000,

0.0000

■ 154.6190,
-12.4690, -10.8130

■ 154.6190,
-12.4690, -10.8130

■ 148.5100,
-19.7120, -17.2160

■ 160.4290, -5.8220,
-4.6220

■ 142.8140,
-26.6800, -23.0960

■ 166.4240, 1.7420,
1.4700

■ 136.7050,
-33.9230, -29.4990

■ 172.2340, 8.3890,
7.6610

■ 131.0090,
-40.8910, -35.3790

■ 178.2290, 15.9530,
13.7530

■ 124.9000,
-48.1340, -41.7820

■ 184.0390, 22.6000,
19.9440

■ 119.2040,
-55.1020, -47.6620

■ 190.0340, 30.1640,
26.0360

■ 113.0950,
-62.3450, -54.0650

■ 195.8440, 36.8110,
32.2270

■ 107.3990,
-69.3130, -59.9450

■ 197.9520, 36.6270,
35.5630

■ 105.9750,
-71.0550, -61.4150

■ 198.9780, 33.7380,
38.3620

Harmonies

Analogous

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



156.1920, -0.9610, -10.1210



154.6190, -12.4690, -10.8130



153.9970, -22.2810, -9.2010

Triad

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



154.6190, -12.4690, -10.8130



158.6430, -11.8760, 5.9800



159.6560, 21.6400, 4.2960

Complementary

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



154.6190, -12.4690, -10.8130



146.3810, 12.4690, 10.8130

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.



160.6220, 18.9800, 8.4520



154.6190, -12.4690, -10.8130



160.2100, -0.2310, 9.6970

Square

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



154.6190, -12.4690, -10.8130



156.3920, -21.5950, 0.3970



161.1960, 11.5520, 10.9120



158.9990, 18.9360, -1.7680

Rectangle

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



154.6190, -12.4690, -10.8130



154.0230, -25.1700, -6.4020



161.1960, 11.5520, 10.9120



160.2970, 21.2730, 5.4410

Sweetspot

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



154.6190, -12.4690, -10.8130



210.1410, -4.9510, -3.8870



157.5080, 0.9650, -11.9870



104.8640, -2.6130, -2.2050



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



154.6190, -12.4690, -10.8130



197.9230, -19.4370, -16.6930



156.2150, -16.9630, -6.4590



78.7390, -3.7590, -3.4630



93.0950, -62.3450, -54.0650



11.5920, -7.8390, -6.6150

Inverse Universe

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



146.3810, 12.4690, 10.8130



185.0770, 19.4370, 16.6930



144.7850, 16.9630, 6.4590



76.2610, 3.7590, 3.4630



51.9050, 62.3450, 54.0650



6.4080, 7.8390, 6.6150

Previews

White Background



This preview shows how the YIQ color 154.6190, -12.4690, -10.8130 looks on a white background.

Color Contrast Check

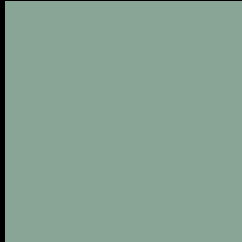
Large Text (above 18pt) WCAG AA × Fail

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 154.6190, -12.4690, -10.8130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

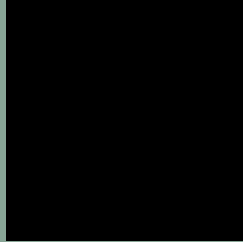
Any Text WCAG AA ✓ Pass

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 154.6190, -12.4690, -10.8130 Background



This preview shows how black text looks on a background with the YIQ color 154.6190, -12.4690, -10.8130.



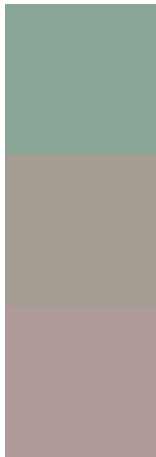
This preview shows how white text looks on a background with the YIQ color 154.6190, -12.4690, -10.8130.

-10.8130.

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

154.6190, -12.4690, -10.8130

Protanopia

157.8390, 7.7030, -1.9370

Deuteranopia

159.5780, 13.1120, 4.6640



Tritanopia

156.2030, -16.6890, -0.4090

Trichromacy



Original Color

154.6190, -12.4690, -10.8130

Protanomaly

156.7240, 0.5970, -5.3150

Deuteranomaly

157.6260, 3.9890, -0.7070

Tritanomaly

155.4650, -14.6710, -3.9430

Monochromacy



Original Color

154.6190, -12.4690, -10.8130

Achromatopsia

155.0000, -0.0000, 0.0000

Achromatomaly

155.0270, -4.6300, -4.1980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.6190, -12.4690, -10.8130 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(136, 165, 150)` looks like.

```
.text, #text, p{  
    color:rgb(136, 165, 150)  
}
```

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(136, 165, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 165, 150) }
```

Border

The CSS property to change the border of an element to YIQ 154.6190, -12.4690, -10.8130 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(136, 165, 150) }
```


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

```
.border{ border-color:rgb(136, 165, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 165, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 165, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 165, 150);  
box-shadow:4px 4px 4px 4px rgb(136, 165,  
150) }
```

Background

The CSS property to change the background color of an element to YIQ 154.6190, -12.4690, -10.8130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 165, 150) }
```

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

```
.background{ background-color: rgb(136,  
165, 150) }
```

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