

Converting Colors

YIQ(136.9240, -12.0100,
-13.6260)

Have a look what the booklet for
YIQ(136.9240, -12.0100, -13.6260)
contains.

YIQ(136.9240, -12.0100, -13.6260)	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(136.9240, -12.0100,
-13.6260)**

Conversions

Conversions Part 1

Format	Color
Hex	75957F
RGB	117, 149, 127
RGB Percent	46%, 58%, 50%
CMY	0.5413, 0.4156, 0.5020
CMYK	0.21, 0.00, 0.15, 0.42
HSL	139°, 13%, 52%
HSV	139°, 21%, 58%
XYZ	21.9129, 26.8116, 24.0962
YIQ	136.9240, -12.0100, -13.6260

Conversions

Conversions Part 2

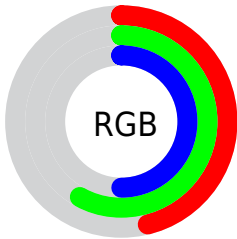
Format	Color
R_{YB}	117, 141, 149
Decimal	7705983
CIE _{Lab}	58.80, -15.82, 7.99
CIE _{LCh}	59, 17.726, 153.206
Yxy	26.8116, 0.3009, 0.3682
Android (android.graphics.Color)	4285896063 (0xFF75957F)
YUV	136.9240, -4.8925, -17.4733
Hunter-Lab	51.7799, -15.0749, 8.6548

Details

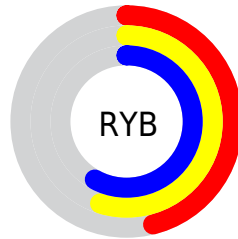
The YIQ color $136.9240, -12.0100, -13.6260$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $129.0760, 12.0100, 13.6260$, and the grayscale version is $137.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $190.5110, -12.2850, -14.1490$, and $86.7500, -11.4600, -12.5800$ is the 20% darker color. If you saturate the color by 10%, you get $131.2990, -17.7400, -19.9160$, and if you desaturate by 10%, it is $142.5490, -6.2800, -7.3360$.

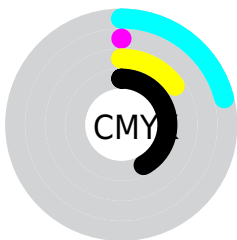
Distribution



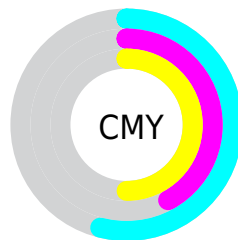
- Red (46%)
- Green (58%)
- Blue (50%)



- Red (46%)
- Yellow (55%)
- Blue (58%)



- Cyan (21%)
- Magenta (0%)
- Yellow (15%)
- Black (42%)



- Cyan (54%)
- Magenta (42%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.9240, -12.0100, -13.6260 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 136.9240, -12.0100, -13.6260 by changing the saturation by 10% instead.

■ 136.9240,
-12.0100, -13.6260

■ 136.9240,
-12.0100, -13.6260

■ 255.0000, -0.0000,
-0.0000

■ 111.3370,
-11.7350, -13.1030

■ 190.2120,
-12.8810, -14.3610

■ 86.7500, -11.4600,
-12.5800

■ 218.0980,
-12.5600, -14.6720

■ 63.1630, -11.1850,
-12.0570

■ 243.7500,
-11.4600, -12.5800

■ 40.6900, -11.2310,
-11.2230

■ 254.7010, -0.5960,
-0.2120

■ 18.9780, -12.1020,
-11.9580

■ 0.0000, 0.0000,
0.0000

■ 136.9240,
-12.0100, -13.6260

■ 136.9240,
-12.0100, -13.6260

■ 131.2990,
-17.7400, -19.9160

■ 142.5490, -6.2800,
-7.3360

■ 125.6740,
-23.4700, -26.2060

■ 148.1740, -0.5500,
-1.0460

■ 119.9350,
-28.8790, -32.8070

■ 153.9130, 4.8590,
5.5550

■ 114.3100,
-34.6090, -39.0970

■ 159.5380, 10.5890,
11.8450

■ 108.6850,
-40.3390, -45.3870

■ 164.8640, 15.7230,
17.9230

■ 103.3590,
-45.4730, -51.4650

■ 170.4890, 21.4530,
24.2130

■ 97.6200, -50.8820,
-58.0660


■ 176.2280, 26.8620,
30.8140

■ 92.8210, -56.0620,

■ 181.8530, 32.5920,

-63.3100

37.1040

 187.4780, 38.3220,
43.3940

Harmonies

Analogous

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



139.1770, 3.3950, -11.9730



136.9240, -12.0100, -13.6260



135.1490, -25.7650, -12.1410

Triad

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



136.9240, -12.0100, -13.6260



140.6360, -19.1660, 5.9380



143.4610, 26.6830, 6.5150

Complementary

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



136.9240, -12.0100, -13.6260



129.0760, 12.0100, 13.6260

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.



143.6980, 21.8220, 12.0140



136.9240, -12.0100, -13.6260



143.1110, -4.2660, 11.2380

Square

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



136.9240, -12.0100, -13.6260



137.5480, -30.9020, -1.6380



144.0050, 10.7720, 14.0360



142.1630, 24.3460, -0.6940

Rectangle

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



136.9240, -12.0100, -13.6260



135.0930, -31.3590, -9.8790



144.0050, 10.7720, 14.0360



143.7430, 25.9490, 8.8050

Sweetspot

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



136.9240, -12.0100, -13.6260



189.5000, -4.5840, -5.0320



142.3620, 4.3120, -12.0720



94.3370, -2.5670, -3.0390



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



136.9240, -12.0100, -13.6260



174.7610, -19.1610, -21.6970



138.7480, -17.1460, -8.6500



71.3370, -2.5670, -3.0390



85.9080, -51.7530, -58.8010



6.2120, -3.7130, -4.2970

Inverse Universe

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



129.0760, 12.0100, 13.6260



162.2390, 19.1610, 21.6970



127.2520, 17.1460, 8.6500



69.6630, 2.5670, 3.0390



52.0920, 51.7530, 58.8010



3.7880, 3.7130, 4.2970

Previews

White Background



This preview shows how the YIQ color 136.9240, -12.0100, -13.6260 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 136.9240, -12.0100, -13.6260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

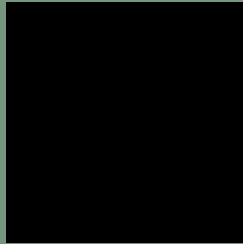
Any Text WCAG AA ✓ Pass

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 136.9240, -12.0100, -13.6260 Background



This preview shows how black text looks on a background with the YIQ color 136.9240, -12.0100, -13.6260.



This preview shows how white text looks on a background with the YIQ color 136.9240, -12.0100, -13.6260.

-13.6260.

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

136.9240, -12.0100, -13.6260

Protanopia

141.0410, 9.9500, -4.1140

Deuteranopia

142.1930, 15.6340, 3.0100



Tritanopia

139.3770, -17.2390, -1.4550

Trichromacy



Original Color

136.9240, -12.0100, -13.6260

Protanomaly

139.6270, 2.2480, -7.7040

Deuteranomaly

140.5290, 5.6400, -3.0960

Tritanomaly

138.1120, -15.1750, -5.8230

Monochromacy



Original Color

136.9240, -12.0100, -13.6260

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

136.7990, -3.9880, -4.8200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.9240, -12.0100, -13.6260 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(117, 149, 127)` looks like.

```
.text, #text, p{  
    color:rgb(117, 149, 127)  
}
```

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(117, 149, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 149, 127) }
```

Border

The CSS property to change the border of an element to YIQ 136.9240, -12.0100, -13.6260 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(117, 149, 127) }
```


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

```
.border{ border-color:rgb(117, 149, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 149, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 149, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 149, 127);  
box-shadow:4px 4px 4px 4px rgb(117, 149,  
127) }
```

Background

The CSS property to change the background color of an element to YIQ 136.9240, -12.0100, -13.6260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 149, 127) }
```

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

```
.background{ background-color: rgb(117,  
149, 127) }
```

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