

Converting Colors

YIQ(126.2740, -24.6190,
-10.8830)

Have a look what the booklet for
YIQ(126.2740, -24.6190, -10.8830)
contains.

YIQ(126.2740, -24.6190, -10.8830)	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(126.2740, -24.6190,
-10.8830)**

Conversions

Conversions Part 1

Format	Color
Hex	608C87
RGB	96, 140, 135
RGB Percent	38%, 55%, 53%
CMY	0.6236, 0.4509, 0.4707
CMYK	0.31, 0.00, 0.04, 0.45
HSL	173°, 19%, 46%
HSV	173°, 31%, 55%
XYZ	18.5733, 22.9955, 26.3725
YIQ	126.2740, -24.6190, -10.8830

Conversions

Conversions Part 2

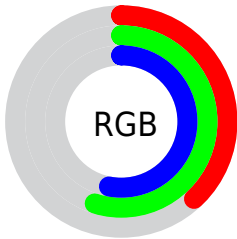
Format	Color
R_{YB}	96, 119, 140
Decimal	6327431
CIE _{Lab}	55.07, -16.18, -2.14
CIE _{LCh}	55, 16.319, 187.532
Yxy	22.9955, 0.2734, 0.3385
Android (android.graphics.Color)	4284517511 (0xFF608C87)
YUV	126.2740, 4.3019, -26.5503
Hunter-Lab	47.9536, -14.7827, 0.9605

Details

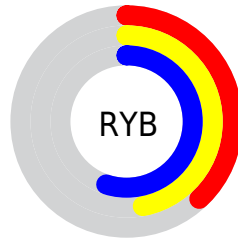
The YIQ color **126.2740, -24.6190, -10.8830** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **109.7260, 24.6190, 10.8830**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.5620, -25.4900, -11.6180**, and **76.5730, -24.0230, -10.6710** is the 20% darker color. If you saturate the color by 10%, you get **121.8600, -32.3210, -14.4730**, and if you desaturate by 10%, it is **130.6880, -16.9170, -7.2930**.

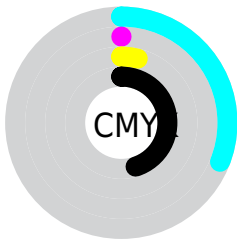
Distribution



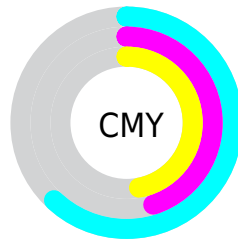
- Red (38%)
- Green (55%)
- Blue (53%)



- Red (38%)
- Yellow (47%)
- Blue (55%)



- Cyan (31%)
- Magenta (0%)
- Yellow (4%)
- Black (45%)



- Cyan (62%)
- Magenta (45%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.2740, -24.6190, -10.8830 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 126.2740, -24.6190, -10.8830 by changing the saturation by 10% instead.

■ 126.2740,
-24.6190, -10.8830

■ 126.2740,
-24.6190, -10.8830

■ 255.0000, -0.0000,
-0.0000

■ 100.6870,
-24.3440, -10.3600

■ 179.5620,
-25.4900, -11.6180

■ 76.5730, -24.0230,
-10.6710

■ 207.2630,
-26.0860, -11.8300

■ 52.3880, -24.9400,
-10.5720

■ 235.2630,
-26.0860, -11.8300

■ 30.3880, -24.9400,
-10.5720

■ 247.8240,
-14.3040, -5.0880

■ 16.9550, -13.2950,
-6.8550

■ 0.0000, 0.0000,
0.0000

■ 126.2740,
-24.6190, -10.8830

■ 126.2740,
-24.6190, -10.8830

■ 121.8600,
-32.3210, -14.4730

■ 130.6880,
-16.9170, -7.2930

■ 117.5600,
-40.3440, -17.7520

■ 134.9880, -8.8940,
-4.0140

■ 113.1460,
-48.0460, -21.3420

■ 139.4020, -1.1920,
-0.4240

■ 108.8460,
-56.0690, -24.6210

■ 143.7020, 6.8310,
2.8550

■ 104.4320,
-63.7710, -28.2110

■ 148.1160, 14.5330,
6.4450

■ 100.0180,
-71.4730, -31.8010

■ 152.5300, 22.2350,
10.0350

■ 96.3160, -78.3040,
-34.6560

■ 156.8300, 30.2580,
13.3140

■ 161.2440, 37.9600,

16.9040

■ 165.5440, 45.9830,
20.1830

Harmonies

Analogous

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



127.6790, -12.6980, -12.1700



126.2740, -24.6190, -10.8830



126.5710, -29.7090, -6.7410

Triad

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



126.2740, -24.6190, -10.8830



133.6660, -1.5150, 10.9410



132.0810, 21.6410, -1.2310

Complementary

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



126.2740, -24.6190, -10.8830



109.7260, 24.6190, 10.8830

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.



133.1510, 24.6200, 5.3560



126.2740, -24.6190, -10.8830



134.2500, 11.4600, 12.5800

Square

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



126.2740, -24.6190, -10.8830



131.6040, -16.1400, 6.1640



134.4590, 20.9970, 10.4450



130.9010, 13.1600, -7.2240

Rectangle

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



126.2740, -24.6190, -10.8830



127.6900, -28.4260, -2.4580



134.4590, 20.9970, 10.4450



132.6190, 23.0620, 0.5500

Sweetspot

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



126.2740, -24.6190, -10.8830



175.9880, -8.8940, -4.0140



123.3230, -9.1200, -21.9520



88.8960, -5.6390, -2.4310



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.



126.2740, -24.6190, -10.8830



159.4570, -38.5560, -17.1160



116.8650, -21.5490, -0.4370



66.7930, -3.8510, -1.7950



91.4090, -74.1320, -33.1720



3.5050, -2.9800, -1.0600

Inverse Universe

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



109.7260, 24.6190, 10.8830



133.5430, 38.5560, 17.1160



119.1350, 21.5490, 0.4370



64.2070, 3.8510, 1.7950



41.4770, 74.4530, 32.8610



1.6090, 2.6590, 1.3710

Previews

White Background



This preview shows how the YIQ color 126.2740, -24.6190, -10.8830 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 126.2740, -24.6190, -10.8830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

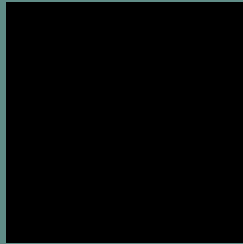
Any Text WCAG AA ✓ Pass

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 126.2740, -24.6190, -10.8830 Background



This preview shows how black text looks on a background with the YIQ color 126.2740, -24.6190, -10.8830.



This preview shows how white text looks on a background with the YIQ color 126.2740, -24.6190, -10.8830.

-10.8830.

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

126.2740, -24.6190, -10.8830

Protanopia

131.7830, 2.1090, 0.3250

Deuteranopia

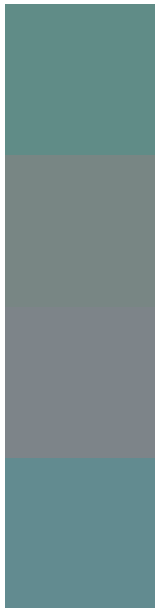
132.4400, 4.8130, 6.3890



Tritanopia

127.5930, -26.7750, -4.8470

Trichromacy



Original Color

126.2740, -24.6190, -10.8830

Protanomaly

129.5860, -7.7020, -3.5900

Deuteranomaly

130.4770, -5.7770, 0.0710

Tritanomaly

127.3110, -26.0410, -7.1370

Monochromacy



Original Color

126.2740, -24.6190, -10.8830

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.9880, -8.8940, -4.0140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.2740, -24.6190, -10.8830 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(96, 140, 135)` looks like.

```
.text, #text, p{  
    color:rgb(96, 140, 135)  
}
```

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(96, 140, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 140, 135) }
```

Border

The CSS property to change the border of an element to YIQ 126.2740, -24.6190, -10.8830 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(96, 140, 135) }
```


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

```
.border{ border-color:rgb(96, 140, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 140, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 140, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 140, 135);  
box-shadow:4px 4px 4px 4px rgb(96, 140,  
135) }
```

Background

The CSS property to change the background color of an element to YIQ 126.2740, -24.6190, -10.8830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 140, 135) }
```

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

```
.background{ background-color: rgb(96, 140,  
135) }
```

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