

Converting Colors

YIQ(127.0700, -50.8880,
-24.9040)

Have a look what the booklet for
YIQ(127.0700, -50.8880, -24.9040)
contains.

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Color

**YIQ(127.0700, -50.8880,
-24.9040)**

Conversions

Conversions Part 1

Format	Color
Hex	3F9D8D
RGB	63, 157, 141
RGB Percent	25%, 62%, 55%
CMY	0.7532, 0.3841, 0.4472
CMYK	0.60, 0.00, 0.10, 0.38
HSL	170°, 43%, 43%
HSV	170°, 60%, 62%
XYZ	18.9139, 27.1038, 29.4151
YIQ	127.0700, -50.8880, -24.9040

Conversions

Conversions Part 2

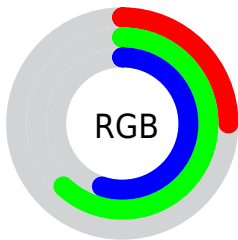
Format	Color
R_{YB}	63, 114, 157
Decimal	4169101
CIE _{Lab}	59.07, -31.67, 0.14
CIE _{LCh}	59, 31.668, 179.745
Yxy	27.1038, 0.2507, 0.3593
Android (android.graphics.Color)	4282359181 (0xFF3F9D8D)
YUV	127.0700, 6.8675, -56.1894
Hunter-Lab	52.0613, -26.2581, 2.9434

Details

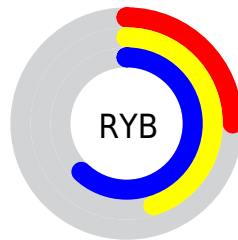
The YIQ color **127.0700, -50.8880, -24.9040** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **92.9300, 50.8880, 24.9040**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **182.5540, -49.3750, -24.7910**, and **72.0090, -58.0860, -26.6140** is the 20% darker color. If you saturate the color by 10%, you get **121.9440, -59.4610, -29.2290**, and if you desaturate by 10%, it is **132.1960, -42.3150, -20.5790**.

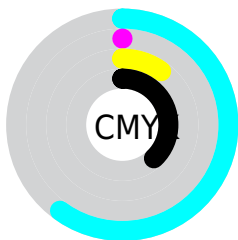
Distribution



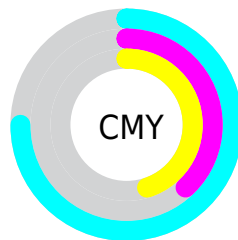
- Red (25%)
- Green (62%)
- Blue (55%)



- Red (25%)
- Yellow (45%)
- Blue (62%)



- Cyan (60%)
- Magenta (0%)
- Yellow (10%)
- Black (38%)



- Cyan (75%)
- Magenta (38%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.0700, -50.8880, -24.9040 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 127.0700, -50.8880, -24.9040 by changing the saturation by 10% instead.

■ 127.0700,
-50.8880, -24.9040

■ 127.0700,
-50.8880, -24.9040

■ 255.0000, -0.0000,
-0.0000

■ 98.9770, -55.0600,
-26.3880

■ 182.4400,
-49.0540, -25.1020

■ 72.0090, -58.0860,
-26.6140

■ 211.0270,
-49.3290, -25.6250

■ 54.7120, -43.8280,
-20.6920

■ 231.2220,
-45.2040, -17.7800

■ 38.5890, -30.1200,
-15.8160

■ 240.0500,
-29.8000, -10.6000

■ 23.9820, -17.9250,
-11.0530

■ 249.0200,
-11.9200, -4.2400

■ 0.0000, 0.0000,
0.0000

■ 127.0700,
-50.8880, -24.9040

■ 127.0700,
-50.8880, -24.9040

■ 121.9440,
-59.4610, -29.2290

■ 132.1960,
-42.3150, -20.5790

■ 117.2310,
-67.7590, -33.0310

■ 136.9090,
-34.0170, -16.7770

■ 112.1050,
-76.3320, -37.3560

■ 142.0350,
-25.4440, -12.4520

■ 106.9790,
-84.9050, -41.6810

■ 147.1610,
-16.8710, -8.1270

■ 151.8740, -8.5730,
-4.3250

■ 157.0000, 0.0000,
-0.0000

■ 162.1260, 8.5730,
4.3250

■ 167.1380, 17.4670,

8.3390

■ 171.9650, 25.4440,
12.4520

Harmonies

Analogous

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



132.8810, -19.6190, -24.4110



127.0700, -50.8880, -24.9040



120.7050, -77.4810, -22.0330

Triad

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



127.0700, -50.8880, -24.9040



144.2600, -11.6950, 19.2250



142.4440, 42.5480, -0.1720

Complementary

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



127.0700, -50.8880, -24.9040



92.9300, 50.8880, 24.9040

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.



144.0290, 45.7550, 13.2990



127.0700, -50.8880, -24.9040



146.3790, 15.9510, 24.8070

Square

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



127.0700, -50.8880, -24.9040



138.0710, -42.3200, 7.0560



145.3350, 36.4460, 22.3180



140.1230, 29.8500, -12.3420

Rectangle

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



127.0700, -50.8880, -24.9040



124.2310, -75.7860, -14.2020



145.3350, 36.4460, 22.3180



143.1610, 45.0230, 4.5350

Sweetspot

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



127.0700, -50.8880, -24.9040



192.2530, -20.1260, -9.7100



123.2610, -15.7180, -45.5580



94.9660, -11.8280, -5.9080



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



127.0700, -50.8880, -24.9040



157.1970, -79.5870, -38.9390



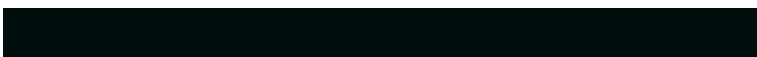
111.2840, -47.7740, -4.2380



76.4940, -4.4470, -2.0070



97.3930, -77.2030, -38.0910



10.2870, -8.2980, -3.8020

Inverse Universe

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



92.9300, 50.8880, 24.9040



103.8030, 79.5870, 38.9390



108.7160, 47.7740, 4.2380



73.5060, 4.4470, 2.0070



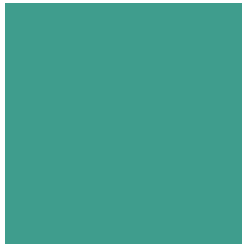
45.4930, 77.5240, 37.7800



4.8270, 7.9770, 4.1130

Previews

White Background



This preview shows how the YIQ color 127.0700, -50.8880, -24.9040 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 127.0700, -50.8880, -24.9040 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 127.0700, -50.8880, -24.9040 Background



This preview shows how black text looks on a background with the YIQ color 127.0700, -50.8880, -24.9040.



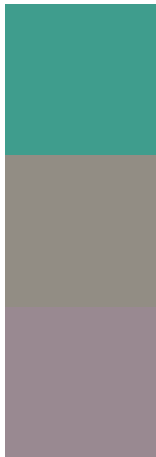
This preview shows how white text looks on a background with the YIQ color 127.0700, -50.8880, -24.9040.

-24.9040.

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

127.0700, -50.8880, -24.9040

Protanopia

141.4690, 5.8690, -1.7390

Deuteranopia

142.6960, 6.9680, 5.8800



Tritanopia

130.5620, -51.8530, -12.9170

Trichromacy



Original Color

127.0700, -50.8880, -24.9040

Protanomaly

136.3630, -14.6240, -10.3040

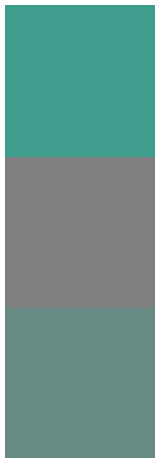
Deuteranomaly

136.8240, -14.3040, -5.0880

Tritanomaly

128.9270, -51.6230, -17.0870

Monochromacy



Original Color

127.0700, -50.8880, -24.9040

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

127.1500, -18.3380, -9.0740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.0700, -50.8880, -24.9040 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(63, 157, 141)` looks like.

```
.text, #text, p{  
    color:rgb(63, 157, 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(63, 157, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 157, 141) }
```

Border

The CSS property to change the border of an element to YIQ 127.0700, -50.8880, -24.9040 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(63, 157, 141) }
```


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

```
.border{ border-color:rgb(63, 157, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 157, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 157, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 157, 141);  
box-shadow:4px 4px 4px 4px rgb(63, 157,  
141) }
```

Background

The CSS property to change the background color of an element to YIQ 127.0700, -50.8880, -24.9040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 157, 141) }
```

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

```
.background{ background-color: rgb(63, 157,  
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](#).

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