

Converting Colors

YIQ(127.6680, -40.5280,
-14.4160)

Have a look what the booklet for
YIQ(127.6680, -40.5280, -14.4160)
contains.

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Color

**YIQ(127.6680, -40.5280,
-14.4160)**

Conversions

Conversions Part 1

Format	Color
Hex	509494
RGB	80, 148, 148
RGB Percent	31%, 58%, 58%
CMY	0.6864, 0.4195, 0.4198
CMYK	0.46, 0.00, 0.00, 0.42
HSL	180°, 30%, 45%
HSV	180°, 46%, 58%
XYZ	19.2412, 25.0293, 31.8170
YIQ	127.6680, -40.5280, -14.4160

Conversions

Conversions Part 2

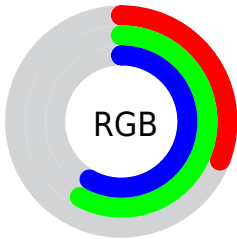
Format	Color
R_{YB}	80, 114, 148
Decimal	5280916
CIE _{Lab}	57.10, -21.52, -6.68
CIE _{LCh}	57, 22.530, 197.239
Yxy	25.0293, 0.2529, 0.3290
Android (android.graphics.Color)	4283470996 (0xFF509494)
YUV	127.6680, 10.0237, -41.8048
Hunter-Lab	50.0293, -18.9002, -2.6860

Details

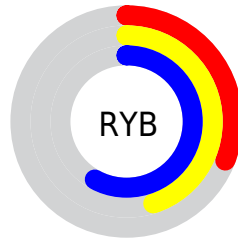
The YIQ color **127.6680, -40.5280, -14.4160** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **100.3320, 40.5280, 14.4160**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **181.6680, -40.5280, -14.4160**, and **74.5750, -44.7000, -15.9000** is the 20% darker color. If you saturate the color by 10%, you get **123.1830, -49.4680, -17.5960**, and if you desaturate by 10%, it is **132.1530, -31.5880, -11.2360**.

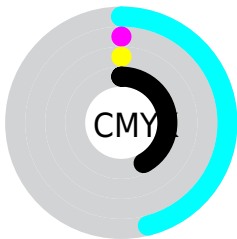
Distribution



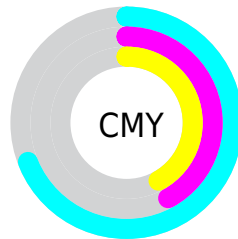
- Red (31%)
- Green (58%)
- Blue (58%)



- Red (31%)
- Yellow (45%)
- Blue (58%)



- Cyan (46%)
- Magenta (0%)
- Yellow (0%)
- Black (42%)



- Cyan (69%)
- Magenta (42%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.6680, -40.5280, -14.4160 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 127.6680, -40.5280, -14.4160 by changing the saturation by 10% instead.

■ 127.6680,
-40.5280, -14.4160

■ 127.6680,
-40.5280, -14.4160

■ 255.0000, -0.0000,
-0.0000

■ 101.3690,
-41.1240, -14.6280

■ 181.6680,
-40.5280, -14.4160

■ 74.5750, -44.7000,
-15.9000

■ 209.9560,
-41.3990, -15.1510

■ 51.2870, -43.8290,
-15.1650

■ 235.2660,
-39.3360, -13.9920

■ 35.1640, -30.1210,
-10.2890

■ 243.9370,
-22.0520, -7.8440

■ 21.0300, -17.8800,
-6.3600

■ 252.6080, -4.7680,
-1.6960

■ 0.4560, -1.2840,
1.2440

■ 0.0000, 0.0000,

0.0000

■ 127.6680,
-40.5280, -14.4160

■ 127.6680,
-40.5280, -14.4160

■ 123.1830,
-49.4680, -17.5960

■ 132.1530,
-31.5880, -11.2360

■ 118.6980,
-58.4080, -20.7760

■ 136.6380,
-22.6480, -8.0560

■ 114.5120,
-66.7520, -23.7440

■ 140.8240,
-14.3040, -5.0880

■ 110.0270,
-75.6920, -26.9240

■ 145.3090, -5.3640,
-1.9080

■ 105.5420,
-84.6320, -30.1040

■ 149.7940, 3.5760,
1.2720

■ 103.7480,
-88.2080, -31.3760

■ 154.2790, 12.5160,
4.4520

■ 158.7640, 21.4560,
7.6320

■ 162.9500, 29.8000,
10.6000

■ 167.4350, 38.7400,
13.7800

Harmonies

Analogous

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



129.8730, -25.1680, -17.4560



127.6680, -40.5280, -14.4160



128.7310, -44.8390, -7.8710

Triad

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



127.6680, -40.5280, -14.4160



139.8780, 3.9400, 16.7080



136.8980, 26.4100, -5.0620

Complementary

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



127.6680, -40.5280, -14.4160



100.3320, 40.5280, 14.4160

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.



138.4030, 32.5980, 3.9420



127.6680, -40.5280, -14.4160



140.5610, 20.9500, 16.8060

Square

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



127.6680, -40.5280, -14.4160



137.6520, -16.0950, 10.8570



139.4880, 31.2210, 12.3810



134.7390, 13.4360, -12.2280

Rectangle

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



127.6680, -40.5280, -14.4160



131.4700, -39.4300, -1.2700



139.4880, 31.2210, 12.3810



137.4470, 29.2980, -2.3340

Sweetspot

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



127.6680, -40.5280, -14.4160



182.9270, -16.0920, -5.7240



120.2150, -18.1040, -35.3520



91.9170, -10.1320, -3.6040



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.



127.6680, -40.5280, -14.4160



159.6050, -62.5800, -22.2600



108.2970, -31.4530, 2.8430



71.9070, -4.1720, -1.4840



96.7380, -82.2480, -29.2560



7.0100, -5.9600, -2.1200

Inverse Universe

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



100.3320, 40.5280, 14.4160



117.3950, 62.5800, 22.2600



119.7030, 31.4530, -2.8430



69.0930, 4.1720, 1.4840



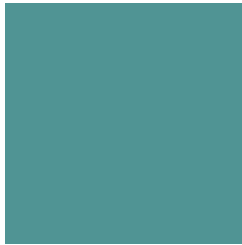
41.2620, 82.2480, 29.2560



2.9900, 5.9600, 2.1200

Previews

White Background



This preview shows how the YIQ color 127.6680, -40.5280, -14.4160 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 127.6680, -40.5280, -14.4160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

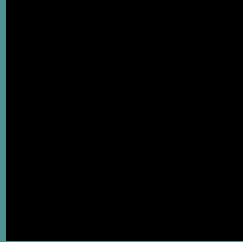
Any Text WCAG AA ✓ Pass

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 127.6680, -40.5280, -14.4160 Background



This preview shows how black text looks on a background with the YIQ color 127.6680, -40.5280, -14.4160.



This preview shows how white text looks on a background with the YIQ color 127.6680, -40.5280, -14.4160.

-14.4160.

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

127.6680, -40.5280, -14.4160

Protanopia

137.0540, -0.0920, 1.6680

Deuteranopia

138.0420, 0.1820, 7.7180



Tritanopia

128.5310, -41.4000, -9.6240

Trichromacy



Original Color

127.6680, -40.5280, -14.4160

Protanomaly

133.4650, -14.6710, -3.9430

Deuteranomaly

133.9860, -14.5800, -0.0840

Tritanomaly

128.3630, -40.9870, -11.6030

Monochromacy



Original Color

127.6680, -40.5280, -14.4160

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

127.8240, -14.3040, -5.0880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.6680, -40.5280, -14.4160 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(80, 148, 148)` looks like.

```
.text, #text, p{  
    color:rgb(80, 148, 148)  
}
```

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(80, 148, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 148, 148) }
```

Border

The CSS property to change the border of an element to YIQ 127.6680, -40.5280, -14.4160 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(80, 148, 148) }
```


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

```
.border{ border-color:rgb(80, 148, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 148, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 148, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 148, 148);  
box-shadow:4px 4px 4px 4px rgb(80, 148,  
148) }
```

Background

The CSS property to change the background color of an element to YIQ 127.6680, -40.5280, -14.4160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 148, 148) }
```

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

```
.background{ background-color: rgb(80, 148,  
148) }
```

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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