

Converting Colors

YIQ(127.7640, -14.0750,
-3.7310)

Have a look what the booklet for
YIQ(127.7640, -14.0750, -3.7310)
contains.

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Color

**YIQ(127.7640, -14.0750,
-3.7310)**

Conversions

Conversions Part 1

Format	Color
Hex	708689
RGB	112, 134, 137
RGB Percent	44%, 53%, 54%
CMY	0.5608, 0.4745, 0.4628
CMYK	0.18, 0.02, 0.00, 0.46
HSL	187°, 10%, 49%
HSV	187°, 18%, 54%
XYZ	19.7211, 22.3024, 26.9267
YIQ	127.7640, -14.0750, -3.7310

Conversions

Conversions Part 2

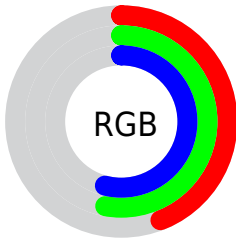
Format	Color
R_{YB}	112, 124, 137
Decimal	7374473
CIE Lab	54.35, -7.21, -4.25
CIE LCh	54, 8.370, 210.515
Yxy	22.3024, 0.2860, 0.3235
Android (android.graphics.Color)	4285564553 (0xFF708689)
YUV	127.7640, 4.5533, -13.8250
Hunter-Lab	47.2254, -8.1036, -0.7479

Details

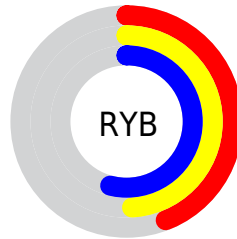
The YIQ color $127.7640, -14.0750, -3.7310$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $121.2360, 14.0750, 3.7310$, and the grayscale version is $128.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $180.4650, -14.6710, -3.9430$, and $78.3620, -12.8830, -3.3070$ is the 20% darker color. If you saturate the color by 10%, you get $122.4040, -21.8690, -5.6530$, and if you desaturate by 10%, it is $133.1240, -6.2810, -1.8090$.

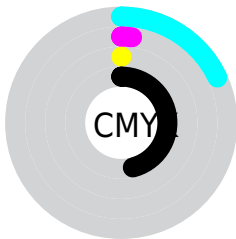
Distribution



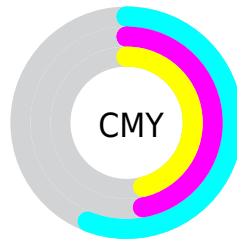
- Red (44%)
- Green (53%)
- Blue (54%)



- Red (44%)
- Yellow (49%)
- Blue (54%)



- Cyan (18%)
- Magenta (2%)
- Yellow (0%)
- Black (46%)



- Cyan (56%)
- Magenta (47%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.7640, -14.0750, -3.7310 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 127.7640, -14.0750, -3.7310 by changing the saturation by 10% instead.

■ 127.7640,
-14.0750, -3.7310

■ 127.7640,
-14.0750, -3.7310

■ 255.0000, -0.0000,
-0.0000

■ 102.7640,
-14.0750, -3.7310

■ 180.4650,
-14.6710, -3.9430

■ 78.3620, -12.8830,
-3.3070

■ 208.1660,
-15.2670, -4.1550

■ 55.3620, -12.8830,
-3.3070

■ 236.2800,
-15.5880, -3.8440

■ 33.3620, -12.8830,
-3.3070

■ 252.9070, -4.1720,
-1.4840

■ 13.6610, -12.2870,
-3.0950

■ 0.0000, 0.0000,
0.0000

■ 127.7640,
-14.0750, -3.7310

■ 127.7640,
-14.0750, -3.7310

■ 122.4040,
-21.8690, -5.6530

■ 133.1240, -6.2810,
-1.8090

■ 117.9300,
-29.3420, -7.8860

■ 137.5980, 1.1920,
0.4240

■ 112.5700,
-37.1360, -9.8080

■ 142.9580, 8.9860,
2.3460

■ 107.2100,
-44.9300, -11.7300

■ 148.3180, 16.7800,
4.2680

■ 102.4370,
-52.9990, -14.1750

■ 152.7920, 24.2530,
6.5010

■ 97.3760, -60.1970,
-15.8850

■ 158.1520, 32.0470,
8.4230

■ 92.6030, -68.2660,
-18.3300

■ 162.9250, 40.1160,
10.8680

■ 87.2430, -76.0600,

■ 168.2850, 47.9100,

-20.2520

12.7900

■ 86.6450, -77.2520,
-20.6760

■ 173.3460, 55.1080,
14.5000

Harmonies

Analogous

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



127.5640, -10.6360, -5.4840



127.7640, -14.0750, -3.7310



128.6440, -13.6170, -1.0170

Triad

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



127.7640, -14.0750, -3.7310



131.4400, 4.8130, 6.3890



129.6110, 8.3450, -2.5590

Complementary

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



127.7640, -14.0750, -3.7310



121.2360, 14.0750, 3.7310

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.



130.4590, 11.8290, 0.3810



127.7640, -14.0750, -3.7310



131.5500, 10.3150, 5.7950

Square

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



127.7640, -14.0750, -3.7310



130.7920, -2.1100, 5.2020



131.6380, 12.8830, 3.3070



129.0940, 2.4310, -5.5130

Rectangle

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



127.7640, -14.0750, -3.7310



129.1930, -10.7290, 1.7110



131.6380, 12.8830, 3.3070



130.2090, 9.5370, -2.1350

Sweetspot

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



127.7640, -14.0750, -3.7310



175.1350, -4.8140, -0.8620



127.0170, -7.8380, -12.1420



87.5050, -2.9800, -1.0600



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



127.7640, -14.0750, -3.7310



164.1050, -22.4650, -5.8650



120.7200, -10.7750, 2.5450



66.3200, -3.8970, -0.9610



83.8410, -74.8680, -19.8280



2.9180, -2.7050, -0.5370

Inverse Universe

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



121.9830, 7.8380, 12.1420



154.9500, 12.6050, 19.3650



128.2800, 10.7750, -2.5450



64.7770, 2.2460, 3.3500



53.1050, 41.7110, 64.5830



1.9510, 1.6960, 2.3040

Previews

White Background



This preview shows how the YIQ color 127.7640, -14.0750, -3.7310 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 127.7640, -14.0750, -3.7310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

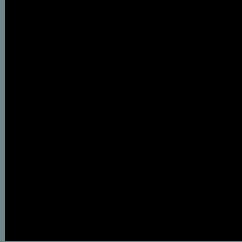
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

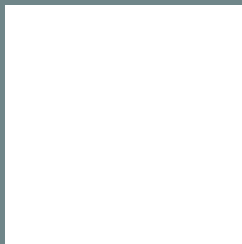
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 127.7640, -14.0750, -3.7310

Background



This preview shows how black text looks on a background with the YIQ color 127.7640, -14.0750, -3.7310.



This preview shows how white text looks on a background with the YIQ color 127.7640, -14.0750, -3.7310.

-3.7310.

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

127.7640, -14.0750, -3.7310

Protanopia

130.1680, -0.4130, 1.9790

Deuteranopia

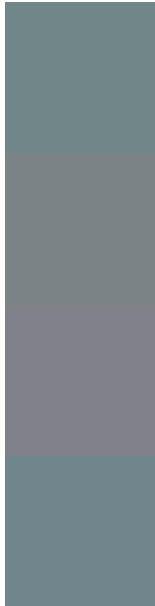
131.0700, 2.9790, 6.5870



Tritanopia

128.2740, -15.4510, -0.8190

Trichromacy



Original Color

127.7640, -14.0750, -3.7310

Protanomaly

129.3630, -5.4560, -0.2400

Deuteranomaly

130.0260, -2.8890, 2.7990

Tritanomaly

127.9320, -14.4880, -1.7520

Monochromacy



Original Color

127.7640, -14.0750, -3.7310

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

127.7220, -5.0890, -1.3850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.7640, -14.0750, -3.7310 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(112, 134, 137)` looks like.

```
.text, #text, p{  
    color:rgb(112, 134, 137)  
}
```

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(112, 134, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 134, 137) }
```

Border

The CSS property to change the border of an element to YIQ 127.7640, -14.0750, -3.7310 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(112, 134, 137) }
```


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

```
.border{ border-color:rgb(112, 134, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 134, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 134, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 134, 137);  
box-shadow:4px 4px 4px 4px rgb(112, 134,  
137) }
```

Background

The CSS property to change the background color of an element to YIQ 127.7640, -14.0750, -3.7310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 134, 137) }
```

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

```
.background{ background-color: rgb(112,  
134, 137) }
```

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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