

Converting Colors

YIQ(122.1400, -12.3780,
-6.9540)

Have a look what the booklet for
YIQ(122.1400, -12.3780, -6.9540)
contains.

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Color

**YIQ(122.1400, -12.3780,
-6.9540)**

Conversions

Conversions Part 1

Format	Color
Hex	6A827C
RGB	106, 130, 124
RGB Percent	42%, 51%, 49%
CMY	0.5844, 0.4901, 0.5138
CMYK	0.18, 0.00, 0.05, 0.49
HSL	165°, 10%, 46%
HSV	165°, 18%, 51%
XYZ	17.5634, 20.4861, 22.0935
YIQ	122.1400, -12.3780, -6.9540

Conversions

Conversions Part 2

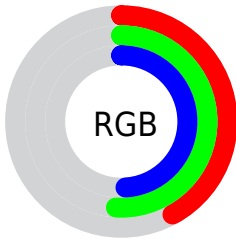
Format	Color
R_{YB}	106, 120, 130
Decimal	6980220
CIE _{Lab}	52.38, -9.96, 0.38
CIE _{LCh}	52, 9.968, 177.842
Yxy	20.4861, 0.2920, 0.3406
Android (android.graphics.Color)	4285170300 (0xFF6A827C)
YUV	122.1400, 0.9170, -14.1548
Hunter-Lab	45.2616, -9.9424, 2.7419

Details

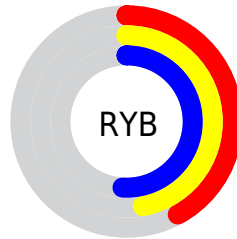
The YIQ color $122.1400, -12.3780, -6.9540$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $113.8600, 12.3780, 6.9540$, and the grayscale version is $122.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $174.7270, -12.6530, -7.4770$, and $73.4390, -11.7820, -6.7420$ is the 20% darker color. If you saturate the color by 10%, you get $117.9110, -19.1630, -10.6430$, and if you desaturate by 10%, it is $126.3690, -5.5930, -3.2650$.

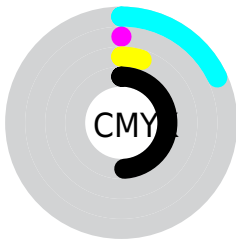
Distribution



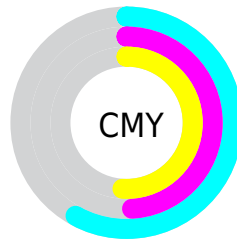
- Red (42%)
- Green (51%)
- Blue (49%)



- Red (42%)
- Yellow (47%)
- Blue (51%)



- Cyan (18%)
- Magenta (0%)
- Yellow (5%)
- Black (49%)



- Cyan (58%)
- Magenta (49%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.1400, -12.3780, -6.9540 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 122.1400, -12.3780, -6.9540 by changing the saturation by 10% instead.

■ 122.1400,
-12.3780, -6.9540

■ 122.1400,
-12.3780, -6.9540

■ 255.0000, -0.0000,
-0.0000

■ 97.4390, -11.7820,
-6.7420

■ 174.7270,
-12.6530, -7.4770

■ 73.4390, -11.7820,
-6.7420

■ 202.4280,
-13.2490, -7.6890

■ 50.8520, -11.5070,
-6.2190

■ 230.1290,
-13.8450, -7.9010

■ 29.2650, -11.2320,
-5.6960

■ 250.8140, -8.3440,
-2.9680

■ 10.1900, -6.6470,
-6.1910

■ 0.0000, 0.0000,
0.0000

■ 122.1400,
-12.3780, -6.9540

■ 122.1400,
-12.3780, -6.9540

■ 117.9110,
-19.1630, -10.6430

■ 126.3690, -5.5930,
-3.2650

■ 113.5680,
-25.6270, -14.6430

■ 130.7120, 0.8710,
0.7350

■ 109.3390,
-32.4120, -18.3320

■ 134.9410, 7.6560,
4.4240

■ 105.1100,
-39.1970, -22.0210

■ 139.1700, 14.4410,
8.1130

■ 100.8810,
-45.9820, -25.7100

■ 143.3990, 21.2260,
11.8020

■ 96.5380, -52.4460,
-29.7100

■ 147.7420, 27.6900,
15.8020

■ 92.3090, -59.2310,
-33.3990

■ 151.9710, 34.4750,
19.4910

■ 88.0800, -66.0160,

■ 156.2000, 41.2600,

-37.0880

23.1800

■ 87.3680, -66.8870,
-37.8230

■ 160.4290, 48.0450,
26.8690

Harmonies

Analogous

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



122.7340, -5.3630, -7.4350



122.1400, -12.3780, -6.9540



122.2690, -17.0550, -4.7910

Triad

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



122.1400, -12.3780, -6.9540



125.8350, -3.6690, 5.9230



125.5410, 14.5340, 0.9180

Complementary

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



122.1400, -12.3780, -6.9540



113.8600, 12.3780, 6.9540

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.



126.5350, 14.6710, 3.9430



122.1400, -12.3780, -6.9540



126.9670, 4.7670, 7.2230

Square

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



122.1400, -12.3780, -6.9540



124.5350, -11.6920, 2.6440



126.6750, 11.4610, 7.0530



124.8670, 10.5000, -3.0680

Rectangle

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



122.1400, -12.3780, -6.9540



122.7360, -16.8720, -2.6000



126.6750, 11.4610, 7.0530



126.3670, 15.0840, 1.9640

Sweetspot

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



122.1400, -12.3780, -6.9540



164.7820, -5.3180, -2.7420



121.8820, -3.0240, -11.2800



82.0920, -3.2550, -1.5830



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



122.1400, -12.3780, -6.9540



155.9110, -19.1630, -10.6430



119.3020, -12.6540, -1.9500



61.6790, -3.5300, -2.1060



86.0800, -66.0160, -37.0880



0.0000, 0.0000, 0.0000

Inverse Universe

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



113.8600, 12.3780, 6.9540



143.2030, 18.8420, 10.9540



116.6980, 12.6540, 1.9500



59.3210, 3.5300, 2.1060



41.9200, 66.0160, 37.0880



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 122.1400, -12.3780, -6.9540 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 122.1400, -12.3780, -6.9540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

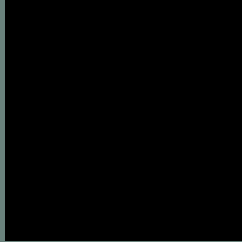
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

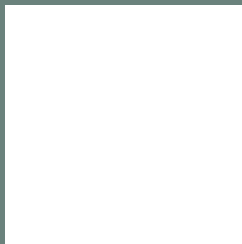
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 122.1400, -12.3780, -6.9540

Background



This preview shows how black text looks on a background with the YIQ color 122.1400, -12.3780, -6.9540.



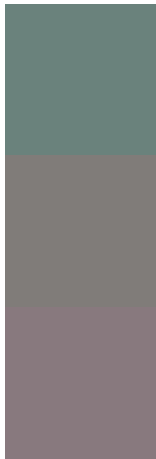
This preview shows how white text looks on a background with the YIQ color 122.1400, -12.3780, -6.9540.

-6.9540.

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

122.1400, -12.3780, -6.9540

Protanopia

124.8540, 3.3470, -0.0850

Deuteranopia

126.0550, 7.3350, 4.7350



Tritanopia

123.4590, -14.5340, -0.9180

Trichromacy



Original Color

122.1400, -12.3780, -6.9540

Protanomaly

123.7500, -2.2920, -2.5160

Deuteranomaly

124.4130, 0.2750, 0.5230

Tritanomaly

123.1770, -13.8000, -3.2080

Monochromacy



Original Color

122.1400, -12.3780, -6.9540

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

122.0810, -4.7220, -2.5300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.1400, -12.3780, -6.9540 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(106, 130, 124)` looks like.

```
.text, #text, p{  
    color:rgb(106, 130, 124)  
}
```

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(106, 130, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 130, 124) }
```

Border

The CSS property to change the border of an element to YIQ 122.1400, -12.3780, -6.9540 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(106, 130, 124) }
```


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

```
.border{ border-color:rgb(106, 130, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 130, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 130, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 130, 124);  
box-shadow:4px 4px 4px 4px rgb(106, 130,  
124) }
```

Background

The CSS property to change the background color of an element to YIQ 122.1400, -12.3780, -6.9540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 130, 124) }
```

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

```
.background{ background-color: rgb(106,  
130, 124) }
```

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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