

Converting Colors

YIQ(126.5410, -20.9970,
-10.4450)

Have a look what the booklet for
YIQ(126.5410, -20.9970, -10.4450)
contains.

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Color

**YIQ(126.5410, -20.9970,
-10.4450)**

Conversions

Conversions Part 1

Format	Color
Hex	648B84
RGB	100, 139, 132
RGB Percent	39%, 55%, 52%
CMY	0.6079, 0.4548, 0.4824
CMYK	0.28, 0.00, 0.05, 0.45
HSL	169°, 16%, 47%
HSV	169°, 28%, 55%
XYZ	18.6513, 22.8433, 25.2488
YIQ	126.5410, -20.9970, -10.4450

Conversions

Conversions Part 2

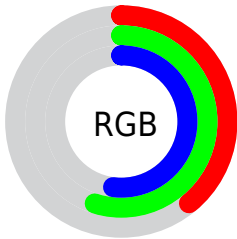
Format	Color
R_{YB}	100, 121, 139
Decimal	6589316
CIE _{Lab}	54.91, -15.10, -0.61
CIE _{LCh}	55, 15.107, 182.328
Yxy	22.8433, 0.2794, 0.3423
Android (android.graphics.Color)	4284779396 (0xFF648B84)
YUV	126.5410, 2.6913, -23.2765
Hunter-Lab	47.7947, -13.9832, 2.1347

Details

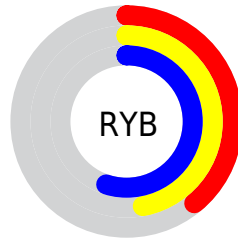
The YIQ color **126.5410, -20.9970, -10.4450** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **112.4590, 20.9970, 10.4450**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **179.8290, -21.8680, -11.1800**, and **76.9540, -20.7220, -9.9220** is the 20% darker color. If you saturate the color by 10%, you get **122.0130, -28.3780, -14.3460**, and if you desaturate by 10%, it is **130.9550, -13.2950, -6.8550**.

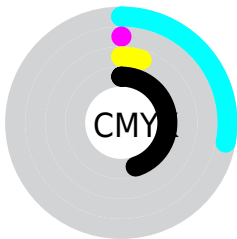
Distribution



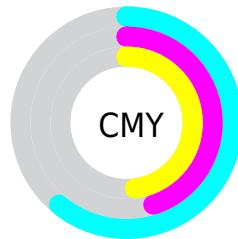
- Red (39%)
- Green (55%)
- Blue (52%)



- Red (39%)
- Yellow (47%)
- Blue (55%)



- Cyan (28%)
- Magenta (0%)
- Yellow (5%)
- Black (45%)



- Cyan (61%)
- Magenta (45%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.5410, -20.9970, -10.4450 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 126.5410, -20.9970, -10.4450 by changing the saturation by 10% instead.

■ 126.5410,
-20.9970, -10.4450

■ 126.5410,
-20.9970, -10.4450

■ 255.0000, -0.0000,
-0.0000

■ 100.9540,
-20.7220, -9.9220

■ 179.8290,
-21.8680, -11.1800

■ 76.9540, -20.7220,
-9.9220

■ 207.5300,
-22.4640, -11.3920

■ 53.3670, -20.4470,
-9.3990

■ 235.5300,
-22.4640, -11.3920

■ 30.4700, -22.2350,
-10.0350

■ 249.0200,
-11.9200, -4.2400

■ 16.0260, -12.0570,
-7.2650

■ 0.0000, 0.0000,
0.0000

■ 126.5410,
-20.9970, -10.4450

■ 126.5410,
-20.9970, -10.4450

■ 122.0130,
-28.3780, -14.3460

■ 130.9550,
-13.2950, -6.8550

■ 117.5990,
-36.0800, -17.9360

■ 135.4830, -5.9140,
-2.9540

■ 113.0710,
-43.4610, -21.8370

■ 139.8970, 1.7880,
0.6360

■ 108.6570,
-51.1630, -25.4270

■ 144.4250, 9.1690,
4.5370

■ 104.1290,
-58.5440, -29.3280

■ 148.6540, 15.9540,
8.2260

■ 100.0140,
-65.6500, -32.7060

■ 153.0680, 23.6560,
11.8160

■ 95.4860, -73.0310,
-36.6070

■ 157.5960, 31.0370,
15.7170

■ 94.5890, -74.8190,

■ 162.0100, 38.7390,

-37.2430

19.3070

■ 166.5380, 46.1200,
23.2080

Harmonies

Analogous

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



127.7610, -9.9930, -11.6330



126.5410, -20.9970, -10.4450



126.2400, -27.2790, -6.7270

Triad

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



126.5410, -20.9970, -10.4450



132.9430, -3.8530, 9.2590



132.4230, 20.6780, -0.2980

Complementary

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



126.5410, -20.9970, -10.4450



112.4590, 20.9970, 10.4450

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.



132.8950, 22.4650, 5.8650



126.5410, -20.9970, -10.4450



133.7550, 8.4800, 11.5200

Square

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



126.5410, -20.9970, -10.4450



130.6640, -16.3690, 4.8070



133.7900, 18.5670, 10.4310



131.0260, 14.3060, -5.9660

Rectangle

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



126.5410, -20.9970, -10.4450



127.6470, -26.8670, -3.1790



133.7900, 18.5670, 10.4310



132.3740, 22.3740, 2.0060

Sweetspot

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



126.5410, -20.9970, -10.4450



176.4720, -7.3810, -3.9010



124.9860, -6.5530, -18.9130



89.0810, -4.7220, -2.5300



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.



126.5410, -20.9970, -10.4450



161.2080, -33.4210, -16.5650



120.2950, -19.9440, -1.9920



66.7930, -3.8510, -1.7950



90.4970, -71.5640, -35.6600



3.3910, -2.6590, -1.3710

Inverse Universe

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



112.4590, 20.9970, 10.4450



138.9060, 33.1000, 16.8760



118.7050, 19.9440, 1.9920



64.2070, 3.8510, 1.7950



42.5030, 71.5640, 35.6600



1.6090, 2.6590, 1.3710

Previews

White Background



This preview shows how the YIQ color 126.5410, -20.9970, -10.4450 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 126.5410, -20.9970, -10.4450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

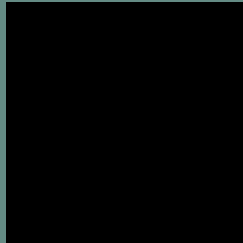
Any Text WCAG AA ✓ Pass

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 126.5410, -20.9970, -10.4450 Background



This preview shows how black text looks on a background with the YIQ color 126.5410, -20.9970, -10.4450.



This preview shows how white text looks on a background with the YIQ color 126.5410, -20.9970, -10.4450.

-10.4450.

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

126.5410, -20.9970, -10.4450

Protanopia

130.8540, 3.3470, -0.0850

Deuteranopia

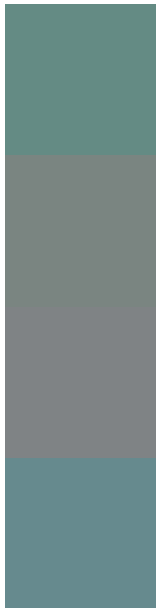
132.2830, 6.6930, 5.3570



Tritanopia

128.0880, -23.7950, -3.7870

Trichromacy



Original Color

126.5410, -20.9970, -10.4450

Protanomaly

129.2550, -5.2720, -3.5760

Deuteranomaly

130.0320, -3.0260, -0.2260

Tritanomaly

127.6920, -22.7400, -6.3880

Monochromacy



Original Color

126.5410, -20.9970, -10.4450

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

126.5860, -7.7020, -3.5900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.5410, -20.9970, -10.4450 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(100, 139, 132)` looks like.

```
.text, #text, p{  
    color:rgb(100, 139, 132)  
}
```

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(100, 139, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 139, 132) }
```

Border

The CSS property to change the border of an element to YIQ 126.5410, -20.9970, -10.4450 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(100, 139, 132) }
```


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

```
.border{ border-color:rgb(100, 139, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 139, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 139, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 139, 132);  
box-shadow:4px 4px 4px 4px rgb(100, 139,  
132) }
```

Background

The CSS property to change the background color of an element to YIQ 126.5410, -20.9970, -10.4450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 139, 132) }
```

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

```
.background{ background-color: rgb(100,  
139, 132) }
```

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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