

Converting Colors

YIQ(121.8010, -15.4970, 0.0150)

Have a look what the booklet for
YIQ(121.8010, -15.4970, 0.0150)
contains.

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Color

**YIQ(121.8010, -15.4970,
0.0150)**

Conversions

Conversions Part 1

Format	Color
Hex	6B7E8B
RGB	107, 126, 139
RGB Percent	42%, 49%, 55%
CMY	0.5804, 0.5058, 0.4550
CMYK	0.23, 0.09, 0.00, 0.45
HSL	204°, 13%, 48%
HSV	204°, 23%, 55%
XYZ	18.1830, 19.9125, 27.3043
YIQ	121.8010, -15.4970, 0.0150

Conversions

Conversions Part 2

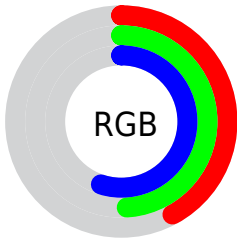
Format	Color
R_{YB}	107, 119, 139
Decimal	7044747
CIE _{Lab}	51.74, -3.87, -9.33
CIE _{LCh}	52, 10.103, 247.457
Yxy	19.9125, 0.2780, 0.3045
Android (android.graphics.Color)	4285234827 (0xFF6B7E8B)
YUV	121.8010, 8.4791, -12.9805
Hunter-Lab	44.6234, -5.3564, -5.0420

Details

The YIQ color $121.8010, -15.4970, 0.0150$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $124.1990, 15.4970, -0.0150$, and the grayscale version is $122.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $174.5020, -16.0930, -0.1970$, and $72.9860, -14.5800, -0.0840$ is the 20% darker color. If you saturate the color by 10%, you get $114.0930, -22.1910, 0.1850$, and if you desaturate by 10%, it is $129.5090, -8.8030, -0.1550$.

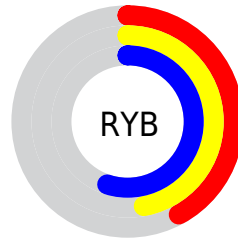
Distribution



Red (42%)

Green (49%)

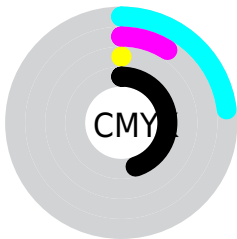
Blue (55%)



Red (42%)

Yellow (47%)

Blue (55%)

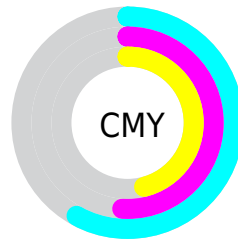


Cyan (23%)

Magenta (9%)

Yellow (0%)

Black (45%)



Cyan (58%)

Magenta (51%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 121.8010, -15.4970, 0.0150 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 121.8010, -15.4970, 0.0150 by changing the saturation by 10% instead.

■ 121.8010,
-15.4970, 0.0150

■ 121.8010,
-15.4970, 0.0150

■ 255.0000, -0.0000,
-0.0000

■ 96.8010, -15.4970,
0.0150

■ 174.5020,
-16.0930, -0.1970

■ 72.9860, -14.5800,
-0.0840

■ 201.6160,
-16.4140, 0.1140

■ 49.9860, -14.5800,
-0.0840

■ 229.7300,
-16.7350, 0.4250

■ 28.5730, -14.8550,
-0.6070

■ 251.1130, -7.7480,
-2.7560

■ 8.4920, -10.1330,
1.9230

■ 0.0000, 0.0000,
0.0000

■ 121.8010,
-15.4970, 0.0150

■ 121.8010,
-15.4970, 0.0150

■ 114.0930,
-22.1910, 0.1850

■ 129.5090, -8.8030,
-0.1550

■ 106.9720,
-29.1600, -0.1680

■ 136.6300, -1.8340,
0.1980

■ 99.2640, -35.8540,
0.0020

■ 144.3380, 4.8600,
0.0280

■ 91.5560, -42.5480,
0.1720

■ 152.0460, 11.5540,
-0.1420

■ 84.7340, -48.9210,
0.0310

■ 158.8680, 17.9270,
-0.0010

■ 77.0260, -55.6150,
0.2010

■ 166.5760, 24.6210,
-0.1710

■ 69.9050, -62.5840,
-0.1520

■ 173.6970, 31.5900,
0.1820

■ 64.5670, -67.4440,

■ 181.4050, 38.2840,

-0.1800

0.0120

■ 189.1130, 44.9780,
-0.1580

Harmonies

Analogous

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



120.7960, -17.1010, -3.9570



121.8010, -15.4970, 0.0150



123.1440, -9.0330, 4.0150

Triad

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



121.8010, -15.4970, 0.0150



124.6320, 13.0200, 6.3320



121.6700, 0.6890, -6.9830

Complementary

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



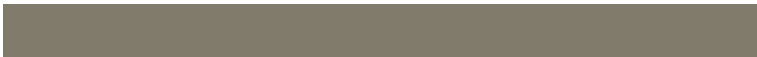
121.8010, -15.4970, 0.0150



124.1990, 15.4970, -0.0150

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.



122.5570, 8.4370, -4.2270



121.8010, -15.4970, 0.0150



124.3070, 15.3130, 3.3210

Square

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



121.8010, -15.4970, 0.0150



125.0490, 7.4720, 7.7600



124.0030, 13.1130, -0.8630



120.9510, -7.4720, -7.7600

Rectangle

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



121.8010, -15.4970, 0.0150



123.9490, -3.9900, 6.2340



124.0030, 13.1130, -0.8630



122.1650, 3.6690, -5.9230

Sweetspot

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



121.8010, -15.4970, 0.0150



174.1780, -6.3730, -0.1410



127.2660, -12.9730, -12.6930



87.8470, -3.9430, -0.1270



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.



121.8010, -15.4970, 0.0150



153.4240, -24.6210, 0.1710



112.4090, -11.0970, 8.3830



65.1460, -3.3470, 0.0850



61.5350, -64.4180, 0.0460



2.3310, -2.4300, -0.0140

Inverse Universe

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



118.7340, 12.9730, 12.6930



148.6690, 20.7660, 20.1420



133.5910, 11.0970, -8.3830



64.5490, 2.8880, 2.7280



48.7730, 53.9090, 52.7650



1.8370, 2.0170, 1.9930

Previews

White Background



This preview shows how the YIQ color 121.8010, -15.4970, 0.0150 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 121.8010, -15.4970, 0.0150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

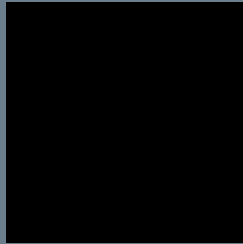
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

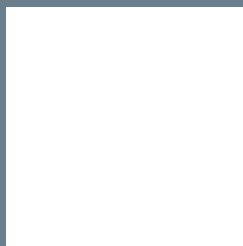
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 121.8010, -15.4970, 0.0150

Background



This preview shows how black text looks on a background with the YIQ color 121.8010, -15.4970, 0.0150.



This preview shows how white text looks on a background with the YIQ color 121.8010, -15.4970,

0.0150.

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

121.8010, -15.4970, 0.0150

Protanopia

123.4110, -5.4110, 4.4530

Deuteranopia

124.3730, -2.2480, 7.7040



Tritanopia

121.2740, -15.4510, -0.8190

Trichromacy



Original Color

121.8010, -15.4970, 0.0150

Protanomaly

122.6170, -8.9870, 3.1810

Deuteranomaly

123.4540, -6.9700, 5.1740

Tritanomaly

121.3880, -15.7720, -0.5080

Monochromacy



Original Color

121.8010, -15.4970, 0.0150

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

121.7760, -5.1810, 0.2830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.8010, -15.4970, 0.0150 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(107, 126, 139)` looks like.

```
.text, #text, p{  
    color:rgb(107, 126, 139)  
}
```

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(107, 126, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 126, 139) }
```

Border

The CSS property to change the border of an element to YIQ 121.8010, -15.4970, 0.0150 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(107, 126, 139) }
```


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

```
.border{ border-color:rgb(107, 126, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 126, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 126, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 126, 139);  
box-shadow:4px 4px 4px 4px rgb(107, 126,  
139) }
```

Background

The CSS property to change the background color of an element to YIQ 121.8010, -15.4970, 0.0150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 126, 139) }
```

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

```
.background{ background-color: rgb(107,  
126, 139) }
```

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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