

Converting Colors

YIQ(119.4880, -21.5050, 9.7830)

Have a look what the booklet for
YIQ(119.4880, -21.5050, 9.7830)
contains.

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Color

**YIQ(119.4880, -21.5050,
9.7830)**

Conversions

Conversions Part 1

Format	Color
Hex	6977A0
RGB	105, 119, 160
RGB Percent	41%, 47%, 63%
CMY	0.5882, 0.5333, 0.3727
CMYK	0.34, 0.26, 0.00, 0.37
HSL	225°, 22%, 52%
HSV	225°, 34%, 63%
XYZ	18.7656, 18.7352, 35.8712
YIQ	119.4880, -21.5050, 9.7830

Conversions

Conversions Part 2

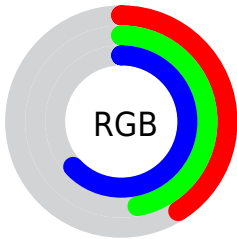
Format	Color
R_{YB}	105, 116, 160
Decimal	6911904
CIE _{Lab}	50.38, 5.04, -23.69
CIE _{LCh}	50, 24.221, 282.017
Yxy	18.7352, 0.2558, 0.2553
Android (android.graphics.Color)	4285101984 (0xFF6977A0)
YUV	119.4880, 19.9724, -12.7060
Hunter-Lab	43.2842, 1.6400, -18.8368

Details

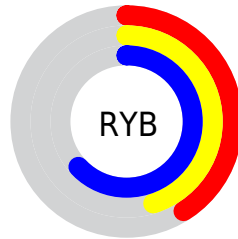
The YIQ color **119.4880, -21.5050, 9.7830** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **145.5120, 21.5050, -9.7830**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **172.1290, -21.8720, 10.9280**, and **70.4340, -21.4130, 8.1150** is the 20% darker color. If you saturate the color by 10%, you get **107.6600, -27.7410, 12.6670**, and if you desaturate by 10%, it is **131.3160, -15.2690, 6.8990**.

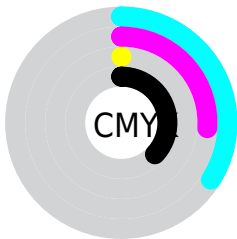
Distribution



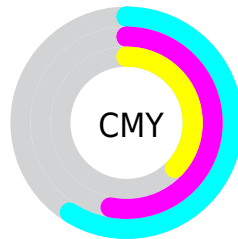
- Red (41%)
- Green (47%)
- Blue (63%)



- Red (41%)
- Yellow (45%)
- Blue (63%)



- Cyan (34%)
- Magenta (26%)
- Yellow (0%)
- Black (37%)



- Cyan (59%)
- Magenta (53%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.4880, -21.5050, 9.7830 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 119.4880, -21.5050, 9.7830 by changing the saturation by 10% instead.

■ 119.4880,
-21.5050, 9.7830

■ 119.4880,
-21.5050, 9.7830

■ 255.0000, -0.0000,
-0.0000

■ 94.3740, -21.1840,
9.4720

■ 172.1290,
-21.8720, 10.9280

■ 70.4340, -21.4130,
8.1150

■ 199.2430,
-22.1930, 11.2390

■ 47.3090, -22.5590,
6.8570

■ 225.4190,
-17.0570, 6.2630

■ 23.8740, -25.7680,
4.4400

■ 251.1130, -7.7480,
-2.7560

■ 4.4460, -12.5190,
12.1290

■ 2.4110, -5.4110,
4.4530

■ 0.0000, 0.0000,

0.0000

■ 119.4880,
-21.5050, 9.7830

■ 119.4880,
-21.5050, 9.7830

■ 107.6600,
-27.7410, 12.6670

■ 131.3160,
-15.2690, 6.8990

■ 95.8320, -33.9770,
15.5510

■ 143.1440, -9.0330,
4.0150

■ 84.0040, -40.2130,
18.4350

■ 154.9720, -2.7970,
1.1310

■ 72.1760, -46.4490,
21.3190

■ 166.8000, 3.4390,
-1.7530

■ 60.3480, -52.6850,
24.2030

■ 178.6280, 9.6750,
-4.6370

■ 48.5200, -58.9210,
27.0870

■ 190.4560, 15.9110,
-7.5210

■ 42.3070, -62.6350,
28.3170

■ 201.6970, 22.4220,
-9.8820

■ 213.5250, 28.6580,
-12.7660

■ 225.3530, 34.8940,
-15.6500

Harmonies

Analogous

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



113.6270, -41.3100, -0.2380



119.4880, -21.5050, 9.7830



122.7250, -0.0030, 16.5810

Triad

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



119.4880, -21.5050, 9.7830



121.2400, 34.6150, 5.9350



112.0150, -22.6920, -18.2760

Complementary

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



119.4880, -21.5050, 9.7830



145.5120, 21.5050, -9.7830

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.



115.4920, -2.1060, -16.9060



119.4880, -21.5050, 9.7830



119.5070, 29.0690, -3.6910

Square

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



119.4880, -21.5050, 9.7830



121.9550, 31.4040, 14.5720



117.7070, 16.4620, -12.0020



108.5320, -43.1410, -16.6210

Rectangle

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



119.4880, -21.5050, 9.7830



122.7220, 13.2470, 18.7430



117.7070, 16.4620, -12.0020



113.1360, -15.7230, -17.9230

Sweetspot

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



119.4880, -21.5050, 9.7830



193.9160, -8.3910, 3.3930



141.8450, -27.9650, -16.3250



95.2430, -4.9980, 2.4740



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



119.4880, -21.5050, 9.7830



145.7180, -33.6560, 15.2400



115.1570, -9.9070, 19.8610



73.0860, -3.1180, 1.4420



37.4340, -55.8030, 25.6450



4.0580, -5.9150, 2.5730

Inverse Universe

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



123.0410, 28.2860, 16.0140



151.2220, 44.1940, 25.0740



149.8430, 9.9070, -19.8610



73.6200, 4.1260, 2.3180



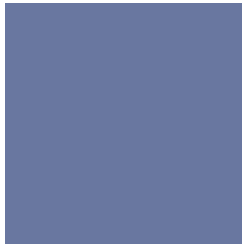
46.8610, 73.6720, 41.5120



4.9410, 7.6560, 4.4240

Previews

White Background



This preview shows how the YIQ color 119.4880, -21.5050, 9.7830 looks on a white background.

Color Contrast Check

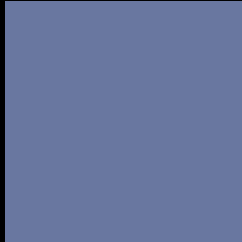
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.4880, -21.5050, 9.7830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

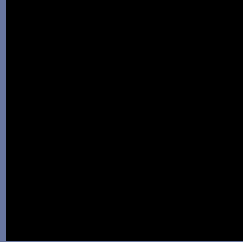
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

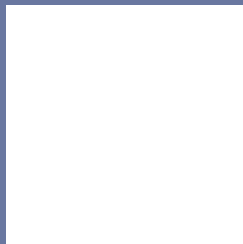
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 119.4880, -21.5050, 9.7830

Background



This preview shows how black text looks on a background with the YIQ color 119.4880, -21.5050, 9.7830.



This preview shows how white text looks on a background with the YIQ color 119.4880, -21.5050,

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

119.4880, -21.5050, 9.7830

Protanopia

119.6840, -19.1210, 10.6310

Deuteranopia

120.0970, -18.8460, 11.1540



Tritanopia

117.6650, -18.1100, -2.1900

Trichromacy



Original Color

119.4880, -21.5050, 9.7830

Protanomaly

119.3850, -19.7170, 10.4190

Deuteranomaly

119.7980, -19.4420, 10.9420

Tritanomaly

118.1150, -19.2570, 2.0790

Monochromacy



Original Color

119.4880, -21.5050, 9.7830

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.2150, -7.7950, 3.6050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.4880, -21.5050, 9.7830 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(105, 119, 160)` looks like.

```
.text, #text, p{  
    color:rgb(105, 119, 160)  
}
```

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(105, 119, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 119, 160) }
```

Border

The CSS property to change the border of an element to YIQ 119.4880, -21.5050, 9.7830 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(105, 119, 160) }
```


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

```
.border{ border-color:rgb(105, 119, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 119, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 119, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 119, 160);  
box-shadow:4px 4px 4px 4px rgb(105, 119,  
160) }
```

Background

The CSS property to change the background color of an element to YIQ 119.4880, -21.5050, 9.7830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 119, 160) }
```

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

```
.background{ background-color: rgb(105,  
119, 160) }
```

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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