

Converting Colors

YIQ(146.4880, -21.5050, 9.7830)

Have a look what the booklet for
YIQ(146.4880, -21.5050, 9.7830)
contains.

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Color

**YIQ(146.4880, -21.5050,
9.7830)**

Conversions

Conversions Part 1

Format	Color
Hex	8492BB
RGB	132, 146, 187
RGB Percent	52%, 57%, 73%
CMY	0.4824, 0.4274, 0.2668
CMYK	0.29, 0.22, 0.00, 0.27
HSL	225°, 29%, 63%
HSV	225°, 29%, 73%
XYZ	28.7617, 29.0516, 51.0886
YIQ	146.4880, -21.5050, 9.7830

Conversions

Conversions Part 2

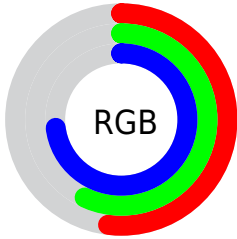
Format	Color
RYB	132, 143, 187
Decimal	8688315
CIELab	60.83, 4.53, -22.95
CIELCh	61, 23.394, 281.168
Yxy	29.0516, 0.2641, 0.2668
Android (android.graphics.Color)	4286878395 (0xFF8492BB)
YUV	146.4880, 19.9724, -12.7060
Hunter-Lab	53.8995, 0.9264, -18.4683

Details

The YIQ color $146.4880, -21.5050, 9.7830$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $172.5120, 21.5050, -9.7830$, and the grayscale version is $146.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $200.7160, -22.1470, 10.4050$, and $95.8470, -21.1380, 8.6380$ is the 20% darker color. If you saturate the color by 10%, you get $132.5890, -28.9790, 13.0770$, and if you desaturate by 10%, it is $160.3870, -14.0310, 6.4890$.

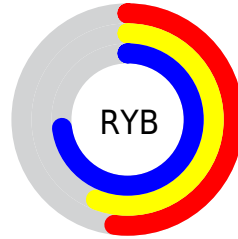
Distribution



Red (52%)

Green (57%)

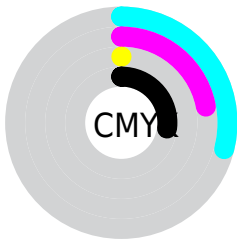
Blue (73%)



Red (52%)

Yellow (56%)

Blue (73%)

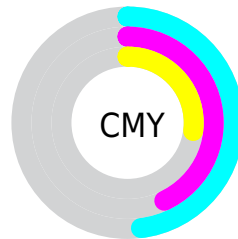


Cyan (29%)

Magenta (22%)

Yellow (0%)

Black (27%)



Cyan (48%)

Magenta (43%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 146.4880, -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 146.4880, -21.5050, 9.7830 by changing the saturation by 10% instead.

■ 146.4880,
-21.5050, 9.7830

■ 146.4880,
-21.5050, 9.7830

■ 255.0000, -0.0000,
-0.0000

■ 120.3740,
-21.1840, 9.4720

■ 200.7160,
-22.1470, 10.4050

■ 95.8470, -21.1380,
8.6380

■ 226.8920,
-17.0110, 5.4290

■ 71.3200, -21.0920,
7.8040

■ 251.4120, -7.1520,
-2.5440

■ 48.4940, -21.6420,
6.7580

■ 25.0590, -24.8510,
4.3410

■ 5.6200, -13.0690,
11.0830

■ 2.4110, -5.4110,

4.4530

■ 0.0000, 0.0000,
0.0000

■ 146.4880,
-21.5050, 9.7830

■ 146.4880,
-21.5050, 9.7830

■ 132.5890,
-28.9790, 13.0770

■ 160.3870,
-14.0310, 6.4890

■ 118.9890,
-35.8570, 16.5830

■ 173.9870, -7.1530,
2.9830

■ 105.0900,
-43.3310, 19.8770

■ 187.8860, 0.3210,
-0.3110

■ 91.1910, -50.8050,
23.1710

■ 201.7850, 7.7950,
-3.6050

■ 77.5910, -57.6830,
26.6770

■ 215.3850, 14.6730,
-7.1110

■ 63.6920, -65.1570,
29.9710

■ 229.2840, 22.1470,
-10.4050

■ 49.7930, -72.6310,
33.2650

■ 240.7910, 24.8530,
-15.3950

■ 49.4940, -73.2270,
33.0530

■ 247.2480, 21.8280,
-21.1480

Harmonies

Analogous

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



141.4100, -39.2010, 0.0870



146.4880, -21.5050, 9.7830



149.7250, -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.



146.4880, -21.5050, 9.7830



148.5390, 35.2110, 6.1470



139.3140, -22.0960, -18.0640

Complementary

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



146.4880, -21.5050, 9.7830



172.5120, 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.



142.6770, -1.1890, -17.0050



146.4880, -21.5050, 9.7830



146.8060, 29.6650, -3.4790

Square

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



146.4880, -21.5050, 9.7830



149.6560, 30.8080, 14.3600



145.0060, 17.0580, -11.7900



136.9130, -39.8400, -15.8720

Rectangle

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



146.4880, -21.5050, 9.7830



150.3090, 12.9720, 18.2200



145.0060, 17.0580, -11.7900



140.3210, -14.8060, -18.0220

Sweetspot

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



146.4880, -21.5050, 9.7830



226.0300, -8.7120, 3.7040



168.8450, -27.9650, -16.3250



112.2430, -4.9980, 2.4740



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



146.4880, -21.5050, 9.7830



179.6040, -33.3350, 14.9290



142.1570, -9.9070, 19.8610



87.2000, -3.4390, 1.7530



41.4920, -61.7180, 28.2180



8.2300, -12.1510, 5.4570

Inverse Universe

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



150.0410, 28.2860, 16.0140



184.9230, 43.5980, 24.8620



176.8430, 9.9070, -19.8610



87.9190, 4.7220, 2.5300



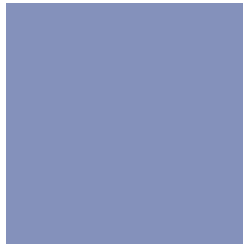
51.8020, 81.3280, 45.9360



10.1810, 15.9080, 9.0600

Previews

White Background



This preview shows how the YIQ color 146.4880, -21.5050, 9.7830 looks on a white background.

Color Contrast Check

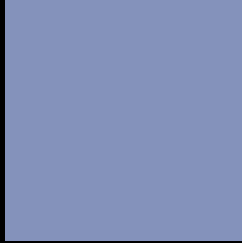
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.4880, -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

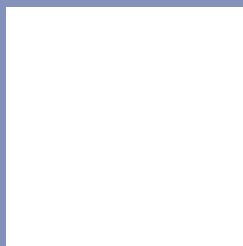
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 146.4880, -21.5050, 9.7830

Background



This preview shows how black text looks on a background with the YIQ color 146.4880, -21.5050, 9.7830.



This preview shows how white text looks on a background with the YIQ color 146.4880, -21.5050, 9.7830.

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

146.4880, -21.5050, 9.7830

Protanopia

146.9830, -18.5250, 10.8430

Deuteranopia

147.4070, -16.7830, 12.3130



Tritanopia

144.4910, -17.5600, -1.1440

Trichromacy



Original Color

146.4880, -21.5050, 9.7830

Protanomaly

146.6840, -19.1210, 10.6310

Deuteranomaly

147.0970, -18.8460, 11.1540

Tritanomaly

145.5280, -18.9820, 2.6020

Monochromacy



Original Color

146.4880, -21.5050, 9.7830

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

146.2150, -7.7950, 3.6050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.4880, -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(132, 146, 187)` looks like.

```
.text, #text, p{  
    color:rgb(132, 146, 187)  
}
```

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(132, 146, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 146, 187) }
```

Border

The CSS property to change the border of an element to YIQ 146.4880, -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(132, 146, 187) }
```


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

```
.border{ border-color:rgb(132, 146, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 146, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 146, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 146, 187);  
box-shadow:4px 4px 4px 4px rgb(132, 146,  
187) }
```

Background

The CSS property to change the background color of an element to YIQ 146.4880, -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(132, 146, 187) }
```

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

```
.background{ background-color: rgb(132,  
146, 187) }
```

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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