

Converting Colors

YIQ(165.4880, -21.5050, 9.7830)

Have a look what the booklet for
YIQ(165.4880, -21.5050, 9.7830)
contains.

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Color

**YIQ(165.4880, -21.5050,
9.7830)**

Conversions

Conversions Part 1

Format	Color
Hex	97A5CE
RGB	151, 165, 206
RGB Percent	59%, 65%, 81%
CMY	0.4078, 0.3529, 0.1923
CMYK	0.27, 0.20, 0.00, 0.19
HSL	225°, 36%, 70%
HSV	225°, 27%, 81%
XYZ	37.3553, 37.9463, 63.7290
YIQ	165.4880, -21.5050, 9.7830

Conversions

Conversions Part 2

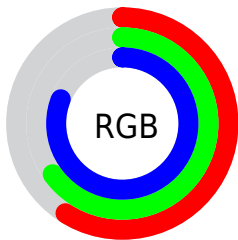
Format	Color
R_{YB}	151, 162, 206
Decimal	9938382
CIE _{Lab}	67.98, 4.26, -22.50
CIE _{LCh}	68, 22.902, 280.720
Yxy	37.9463, 0.2687, 0.2729
Android (android.graphics.Color)	4288128462 (0xFF97A5CE)
YUV	165.4880, 19.9724, -12.7060
Hunter-Lab	61.6006, 0.4434, -18.2182

Details

The YIQ color $165.4880, -21.5050, 9.7830$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $191.5120, 21.5050, -9.7830$, and the grayscale version is $165.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $219.8040, -19.5790, 7.9170$, and $113.2600, -20.8630, 9.1610$ is the 20% darker color. If you saturate the color by 10%, you get $150.4040, -29.8960, 13.1760$, and if you desaturate by 10%, it is $180.5720, -13.1140, 6.3900$.

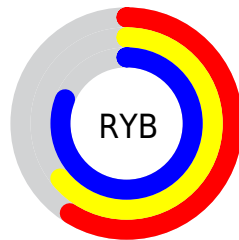
Distribution



Red (59%)

Green (65%)

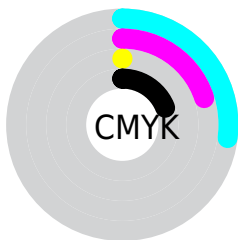
Blue (81%)



Red (59%)

Yellow (64%)

Blue (81%)

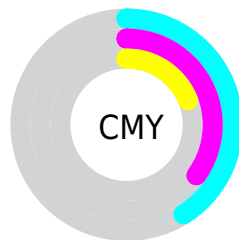


Cyan (27%)

Magenta (20%)

Yellow (0%)

Black (19%)



Cyan (41%)

Magenta (35%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 165.4880, -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 165.4880, -21.5050, 9.7830 by changing the saturation by 10% instead.

■ 165.4880,
-21.5050, 9.7830

■ 165.4880,
-21.5050, 9.7830

■ 255.0000, -0.0000,
-0.0000

■ 139.2600,
-20.8630, 9.1610

■ 219.8040,
-19.5790, 7.9170

■ 113.2600,
-20.8630, 9.1610

■ 244.9110, -9.9950,
-0.5790

■ 88.7330, -20.8170,
8.3270

■ 64.7930, -21.0460,
6.9700

■ 41.9670, -21.5960,
5.9240

■ 20.1300, -23.6130,
3.9310

■ 4.8220, -10.8220,

8.9060

■ 0.4560, -1.2840,
1.2440

■ 0.0000, 0.0000,
0.0000

■ 165.4880,
-21.5050, 9.7830

■ 165.4880,
-21.5050, 9.7830

■ 150.4040,
-29.8960, 13.1760

■ 180.5720,
-13.1140, 6.3900

■ 135.0320,
-37.4160, 17.3040

■ 195.9440, -5.5940,
2.2620

■ 119.9480,
-45.8070, 20.6970

■ 211.0280, 2.7970,
-1.1310

■ 105.1630,
-53.6020, 24.3020

■ 225.8130, 10.5920,
-4.7360

■ 89.4920, -61.7180,
28.2180

■ 241.4840, 18.7080,
-8.6520

■ 74.4080, -70.1090,
31.6110

■ 249.4140, 15.7290,
-15.2390

■ 59.6230, -77.9040,
35.2160

■ 54.0080, -80.4260,
36.8700

Harmonies

Analogous

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



160.7090, -38.6050, 0.2990



165.4880, -21.5050, 9.7830



168.4260, -0.5990, 16.3690

Triad

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



165.4880, -21.5050, 9.7830



167.6530, 34.8900, 6.4580



158.4990, -21.1790, -18.1630

Complementary

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



165.4880, -21.5050, 9.7830



191.5120, 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.



161.6770, -1.1890, -17.0050



165.4880, -21.5050, 9.7830



166.1050, 30.2610, -3.2670

Square

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



165.4880, -21.5050, 9.7830



168.9550, 31.4040, 14.5720



164.3050, 17.6540, -11.5780



156.5110, -38.6480, -15.4480

Rectangle

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



165.4880, -21.5050, 9.7830



169.3090, 12.9720, 18.2200



164.3050, 17.6540, -11.5780



159.6200, -14.2100, -17.8100

Sweetspot

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



165.4880, -21.5050, 9.7830



240.2150, -7.7950, 3.6050



187.8450, -27.9650, -16.3250



118.2430, -4.9980, 2.4740



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



165.4880, -21.5050, 9.7830



194.6750, -32.0970, 14.5190



161.1570, -9.9070, 19.8610



94.3140, -3.7600, 2.0640



43.5780, -64.8360, 29.6600



10.2020, -14.9480, 6.5880

Inverse Universe

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



169.0410, 28.2860, 16.0140



199.9120, 42.1310, 23.9150



195.8430, 9.9070, -19.8610



95.2180, 5.3180, 2.7420



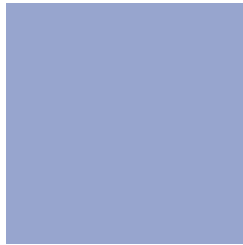
54.4220, 85.4540, 48.2540



12.5020, 19.4380, 11.1660

Previews

White Background



This preview shows how the YIQ color 165.4880, -21.5050, 9.7830 looks on a white background.

Color Contrast Check

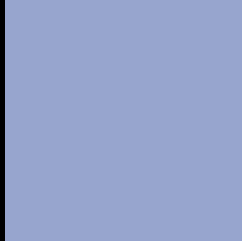
Large Text (above 18pt) WCAG AA × Fail

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 165.4880, -21.5050, 9.7830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

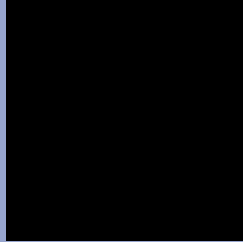
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 165.4880, -21.5050, 9.7830

Background



This preview shows how black text looks on a background with the YIQ color 165.4880, -21.5050, 9.7830.



This preview shows how white text looks on a background with the YIQ color 165.4880, -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

165.4880, -21.5050, 9.7830

Protanopia

166.2820, -17.9290, 11.0550

Deuteranopia

166.5320, -15.6370, 13.5710



Tritanopia

163.7190, -18.2020, -0.5220

Trichromacy



Original Color

165.4880, -21.5050, 9.7830

Protanomaly

165.6840, -19.1210, 10.6310

Deuteranomaly

166.2220, -17.7000, 12.4120

Tritanomaly

164.6420, -19.3030, 2.9130

Monochromacy



Original Color

165.4880, -21.5050, 9.7830

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

165.2150, -7.7950, 3.6050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.4880, -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(151, 165, 206)` looks like.

```
.text, #text, p{  
    color:rgb(151, 165, 206)  
}
```

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(151, 165, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 165, 206) }
```

Border

The CSS property to change the border of an element to YIQ 165.4880, -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(151, 165, 206) }
```


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

```
.border{ border-color:rgb(151, 165, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 165, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 165, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 165, 206);  
box-shadow:4px 4px 4px 4px rgb(151, 165,  
206) }
```

Background

The CSS property to change the background color of an element to YIQ 165.4880, -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(151, 165, 206) }
```

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

```
.background{ background-color: rgb(151,  
165, 206) }
```

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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