

Converting Colors

YIQ(158.9930, -24.4850, 8.7230)

Have a look what the booklet for
YIQ(158.9930, -24.4850, 8.7230)
contains.

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Color

**YIQ(158.9930, -24.4850,
8.7230)**

Conversions

Conversions Part 1

Format	Color
Hex	8DA0C9
RGB	141, 160, 201
RGB Percent	55%, 63%, 79%
CMY	0.4471, 0.3725, 0.2119
CMYK	0.30, 0.20, 0.00, 0.21
HSL	221°, 36%, 67%
HSV	221°, 30%, 79%
XYZ	34.0946, 35.0222, 60.2010
YIQ	158.9930, -24.4850, 8.7230

Conversions

Conversions Part 2

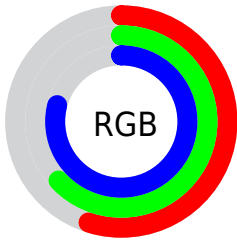
Format	Color
RYB	141, 155, 201
Decimal	9281737
CIELab	65.77, 2.83, -23.18
CIELCh	66, 23.347, 276.951
Yxy	35.0222, 0.2636, 0.2708
Android (android.graphics.Color)	4287471817 (0xFF8DA0C9)
YUV	158.9930, 20.7095, -15.7799
Hunter-Lab	59.1796, -0.7266, -18.8877

Details

The YIQ color **158.9930, -24.4850, 8.7230** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **183.0070, 24.4850, -8.7230**, and the grayscale version is **159.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **213.8790, -24.1640, 8.4120**, and **107.3520, -24.1180, 7.5780** is the 20% darker color. If you saturate the color by 10%, you get **144.7950, -32.5550, 11.8050**, and if you desaturate by 10%, it is **173.1910, -16.4150, 5.6410**.

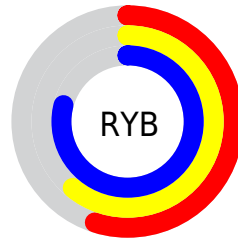
Distribution



Red (55%)

Green (63%)

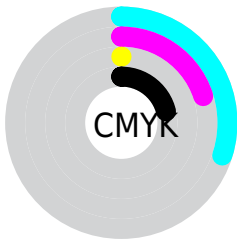
Blue (79%)



Red (55%)

Yellow (61%)

Blue (79%)

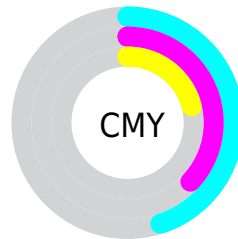


Cyan (30%)

Magenta (20%)

Yellow (0%)

Black (21%)



Cyan (45%)

Magenta (37%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 158.9930, -24.4850, 8.7230 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 158.9930, -24.4850, 8.7230 by changing the saturation by 10% instead.

■ 158.9930,
-24.4850, 8.7230

■ 158.9930,
-24.4850, 8.7230

■ 255.0000, -0.0000,
-0.0000

■ 132.8790,
-24.1640, 8.4120

■ 213.8790,
-24.1640, 8.4120

■ 107.3520,
-24.1180, 7.5780

■ 238.6870,
-15.1760, -0.2960

■ 82.2380, -23.7970,
7.2670

■ 254.4020, -1.1920,
-0.4240

■ 58.4120, -24.3470,
6.2210

■ 35.2760, -26.9600,
4.0160

■ 16.7390, -20.9540,
5.3020

■ 4.3660, -9.5380,

7.6620

■ 0.0000, 0.0000,
0.0000

■ 158.9930,
-24.4850, 8.7230

■ 158.9930,
-24.4850, 8.7230

■ 144.7950,
-32.5550, 11.8050

■ 173.1910,
-16.4150, 5.6410

■ 131.1840,
-40.9000, 14.3640

■ 186.8020, -8.0700,
3.0820

■ 116.9860,
-48.9700, 17.4460

■ 201.0000, -0.0000,
0.0000

■ 102.7880,
-57.0400, 20.5280

■ 215.1980, 8.0700,
-3.0820

■ 88.5900, -65.1100,
23.6100

■ 229.3960, 16.1400,
-6.1640

■ 74.6800, -74.0510,
25.9570

■ 241.2130, 20.9090,
-9.9950

■ 60.4820, -82.1210,
29.0390

■ 248.8440, 17.3340,
-16.7940

Harmonies

Analogous

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



154.1000, -41.2640, -1.0720



158.9930, -24.4850, 8.7230



162.3440, -3.3040, 15.8320

Triad

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



158.9930, -24.4850, 8.7230



161.8920, 35.7150, 8.0270



152.8690, -19.3450, -18.3610

Complementary

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



158.9930, -24.4850, 8.7230



183.0070, 24.4850, -8.7230

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.



155.7590, 1.5160, -16.4680



158.9930, -24.4850, 8.7230



160.2300, 31.4070, -2.0090

Square

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



158.9930, -24.4850, 8.7230



163.2970, 30.4410, 15.5050



158.2020, 19.4420, -10.9420



150.7560, -37.9600, -16.9040

Rectangle

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



158.9930, -24.4850, 8.7230



163.0530, 10.8170, 18.7290



158.2020, 19.4420, -10.9420



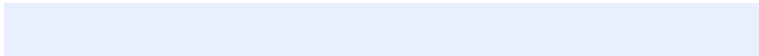
153.8760, -12.0550, -18.3190

Sweetspot

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



158.9930, -24.4850, 8.7230



238.7310, -9.3080, 3.4920



180.7800, -29.3400, -18.9400



117.6450, -6.1900, 2.0500



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.



158.9930, -24.4850, 8.7230



190.5110, -37.5070, 13.4450



150.8300, -13.3000, 20.7800



92.7870, -3.7140, 1.2300



49.1060, -66.6230, 23.4970



10.5610, -14.5810, 5.4430

Inverse Universe

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



161.1060, 29.6610, 18.6290



193.8140, 45.5230, 28.5230



191.1700, 13.3000, -20.7800



93.0330, 4.4010, 2.8410



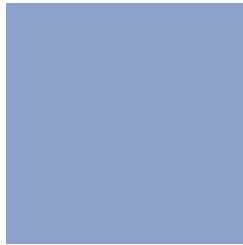
54.6650, 80.4560, 50.7280



12.0180, 17.9250, 11.0530

Previews

White Background



This preview shows how the YIQ color 158.9930, -24.4850, 8.7230 looks on a white background.

Color Contrast Check

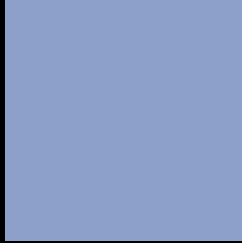
Large Text (above 18pt) WCAG AA × Fail

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 158.9930, -24.4850, 8.7230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

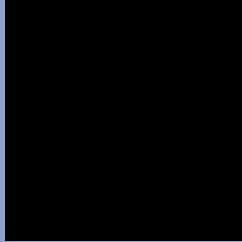
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 158.9930, -24.4850, 8.7230

Background



This preview shows how black text looks on a background with the YIQ color 158.9930, -24.4850, 8.7230.



This preview shows how white text looks on a background with the YIQ color 158.9930, -24.4850,

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

158.9930, -24.4850, 8.7230

Protanopia

159.9830, -18.5250, 10.8430

Deuteranopia

160.3470, -16.5540, 13.6700



Tritanopia

157.1100, -20.8610, -1.8930

Trichromacy



Original Color

158.9930, -24.4850, 8.7230

Protanomaly

159.7870, -20.9090, 9.9950

Deuteranomaly

159.7380, -19.2130, 12.2990

Tritanomaly

158.1470, -22.2830, 1.8530

Monochromacy



Original Color

158.9930, -24.4850, 8.7230

Achromatopsia

159.0000, -0.0000, 0.0000

Achromatomaly

158.6170, -8.9870, 3.1810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 158.9930, -24.4850, 8.7230 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(141, 160, 201)` looks like.

```
.text, #text, p{  
    color:rgb(141, 160, 201)  
}
```

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(141, 160, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 160, 201) }
```

Border

The CSS property to change the border of an element to YIQ 158.9930, -24.4850, 8.7230 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(141, 160, 201) }
```


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

```
.border{ border-color:rgb(141, 160, 201) }
```

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

Here you see how a box with a 4 pixel rgb(141, 160, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 160, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 160, 201);  
box-shadow:4px 4px 4px 4px rgb(141, 160,  
201) }
```

Background

The CSS property to change the background color of an element to YIQ 158.9930, -24.4850, 8.7230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 160, 201) }
```

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

```
.background{ background-color: rgb(141,  
160, 201) }
```

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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