

Converting Colors

YIQ(98.4610, -26.0430, 3.9170)

Have a look what the booklet for
YIQ(98.4610, -26.0430, 3.9170)
contains.

YIQ(98.4610, -26.0430, 3.9170)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(98.4610, -26.0430,
3.9170)**

Conversions

Conversions Part 1

Format	Color
Hex	4C6786
RGB	76, 103, 134
RGB Percent	30%, 40%, 53%
CMY	0.7020, 0.5960, 0.4746
CMYK	0.43, 0.23, 0.00, 0.47
HSL	212°, 28%, 41%
HSV	212°, 43%, 53%
XYZ	12.1318, 12.9591, 24.4043
YIQ	98.4610, -26.0430, 3.9170

Conversions

Conversions Part 2

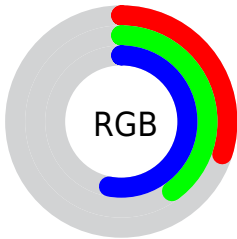
Format	Color
R_{YB}	76, 94, 134
Decimal	5007238
CIE _{Lab}	42.70, -1.28, -20.28
CIE _{LCh}	43, 20.318, 266.398
Yxy	12.9591, 0.2451, 0.2618
Android (android.graphics.Color)	4283197318 (0xFF4C6786)
YUV	98.4610, 17.5207, -19.6983
Hunter-Lab	35.9988, -2.8425, -14.9948

Details

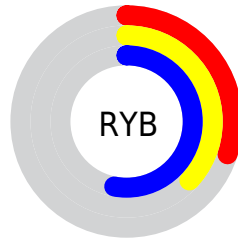
The YIQ color **98.4610, -26.0430, 3.9170** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **111.5390, 26.0430, -3.9170**, and the grayscale version is **98.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **149.6890, -26.6850, 4.5390**, and **49.9230, -27.4640, 2.1360** is the 20% darker color. If you saturate the color by 10%, you get **90.4650, -31.8660, 4.8220**, and if you desaturate by 10%, it is **106.4570, -20.2200, 3.0120**.

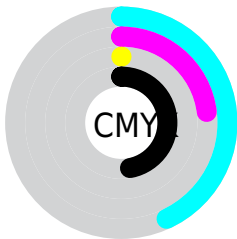
Distribution



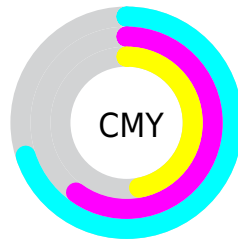
- Red (30%)
- Green (40%)
- Blue (53%)



- Red (30%)
- Yellow (37%)
- Blue (53%)



- Cyan (43%)
- Magenta (23%)
- Yellow (0%)
- Black (47%)



- Cyan (70%)
- Magenta (60%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 98.4610, -26.0430, 3.9170 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 98.4610, -26.0430, 3.9170 by changing the saturation by 10% instead.

■ 98.4610, -26.0430,
3.9170

■ 98.4610, -26.0430,
3.9170

■ 255.0000, -0.0000,
-0.0000

■ 74.0480, -26.3180,
3.3940

■ 149.6890,
-26.6850, 4.5390

■ 49.9230, -27.4640,
2.1360

■ 176.8030,
-27.0060, 4.8500

■ 27.4990, -29.2060,
0.6660

■ 204.0310,
-27.6480, 5.4720

■ 12.0770, -16.0940,
5.3300

■ 230.0930,
-22.1910, 0.1850

■ 2.5250, -5.7320,
4.7640

■ 249.9170,
-10.1320, -3.6040

■ 0.0000, 0.0000,
0.0000

■ 98.4610, -26.0430,
3.9170

■ 98.4610, -26.0430,
3.9170

■ 90.4650, -31.8660,
4.8220

■ 106.4570,
-20.2200, 3.0120

■ 82.1700, -38.2850,
5.5150

■ 114.7520,
-13.8010, 2.3190

■ 74.1740, -44.1080,
6.4200

■ 122.7480, -7.9780,
1.4140

■ 65.2920, -50.2520,
7.6360

■ 131.6300, -1.8340,
0.1980

■ 57.2960, -56.0750,
8.5410

■ 139.6260, 3.9890,
-0.7070

■ 51.6700, -60.0640,
9.2480

■ 147.6220, 9.8120,
-1.6120

■ 155.9170, 16.2310,
-2.3050

■ 163.9130, 22.0540,

-3.2100

■ 172.2080, 28.4730,
-3.9030

Harmonies

Analogous

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



93.5470, -38.3290, -4.7050



98.4610, -26.0430, 3.9170



101.7730, -9.1260, 11.2100

Triad

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



98.4610, -26.0430, 3.9170



102.2270, 27.4620, 8.9180



96.0660, -9.5340, -14.4460

Complementary

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



98.4610, -26.0430, 3.9170



111.5390, 26.0430, -3.9170

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.



98.0310, 6.7420, -12.0580



98.4610, -26.0430, 3.9170



101.1850, 27.2800, 1.2000

Square

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



98.4610, -26.0430, 3.9170



103.5670, 20.8130, 13.7810



100.1360, 19.8080, -6.5600



93.3830, -26.5440, -14.5440

Rectangle

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



98.4610, -26.0430, 3.9170



103.1120, 3.1610, 14.3050



100.1360, 19.8080, -6.5600



96.7030, -4.0780, -14.2060

Sweetspot

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



98.4610, -26.0430, 3.9170



159.3780, -9.8120, 1.6120



113.5800, -25.9010, -20.6930



78.1180, -6.1440, 1.2160



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



98.4610, -26.0430, 3.9170



117.9140, -40.4400, 6.0240



83.2100, -17.4260, 18.4620



62.4450, -2.7510, 0.2970



50.6270, -58.5050, 8.5270



0.9290, -1.2380, 0.4100

Inverse Universe

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



96.4200, 25.9010, 20.6930



114.6980, 40.1580, 32.1420



126.7900, 17.4260, -18.4620



62.1360, 2.6130, 2.2050



45.8240, 57.8990, 46.5310



1.0110, 1.4670, 0.9470

Previews

White Background



This preview shows how the YIQ color 98.4610, -26.0430, 3.9170 looks on a white 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

Black Background



This preview shows how the YIQ color 98.4610, -26.0430, 3.9170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

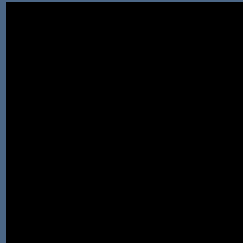
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

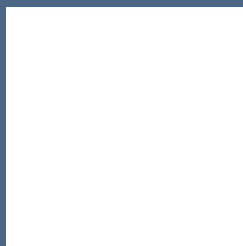
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 98.4610, -26.0430, 3.9170

Background



This preview shows how black text looks on a background with the YIQ color 98.4610, -26.0430, 3.9170.

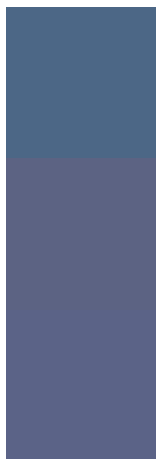


This preview shows how white text looks on a background with the YIQ color 98.4610, -26.0430,

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

98.4610, -26.0430, 3.9170

Protanopia

100.5550, -14.4440, 8.4680

Deuteranopia

100.7120, -16.3240, 9.5000



Tritanopia

96.5610, -23.7490, -4.6210

Trichromacy



Original Color

98.4610, -26.0430, 3.9170

Protanomaly

99.4620, -18.6160, 6.9840

Deuteranomaly

99.8040, -19.5790, 7.9170

Tritanomaly

97.3700, -24.5290, -1.4970

Monochromacy



Original Color

98.4610, -26.0430, 3.9170

Achromatopsia

98.0000, -0.0000, -0.0000

Achromatomaly

98.2640, -9.4910, 1.3010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 98.4610, -26.0430, 3.9170 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(76, 103, 134)` looks like.

```
.text, #text, p{  
    color:rgb(76, 103, 134)  
}
```

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(76, 103, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 103, 134) }
```

Border

The CSS property to change the border of an element to YIQ 98.4610, -26.0430, 3.9170 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(76, 103, 134) }
```


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

```
.border{ border-color:rgb(76, 103, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 103, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 103, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 103, 134);  
box-shadow:4px 4px 4px 4px rgb(76, 103,  
134) }
```

Background

The CSS property to change the background color of an element to YIQ 98.4610, -26.0430, 3.9170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 103, 134) }
```

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

```
.background{ background-color: rgb(76, 103,  
134) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor