

Converting Colors

YIQ(128.0480, -26.3180, 3.3940)

Have a look what the booklet for
YIQ(128.0480, -26.3180, 3.3940)
contains.

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Color

**YIQ(128.0480, -26.3180,
3.3940)**

Conversions

Conversions Part 1

Format	Color
Hex	6985A3
RGB	105, 133, 163
RGB Percent	41%, 52%, 64%
CMY	0.5883, 0.4784, 0.3609
CMYK	0.36, 0.18, 0.00, 0.36
HSL	211°, 24%, 53%
HSV	211°, 36%, 64%
XYZ	20.8214, 22.4240, 37.8659
YIQ	128.0480, -26.3180, 3.3940

Conversions

Conversions Part 2

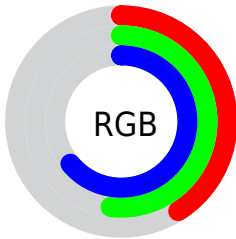
Format	Color
R_{YB}	105, 124, 163
Decimal	6915491
CIE _{Lab}	54.47, -2.36, -19.14
CIE _{LCh}	54, 19.283, 262.983
Yxy	22.4240, 0.2567, 0.2765
Android (android.graphics.Color)	4285105571 (0xFF6985A3)
YUV	128.0480, 17.2313, -20.2131
Hunter-Lab	47.3540, -4.3837, -14.2626

Details

The YIQ color $128.0480, -26.3180, 3.3940$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $139.9520, 26.3180, -3.3940$, and the grayscale version is $128.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $181.2760, -26.9600, 4.0160$, and $78.4070, -25.9510, 2.2490$ is the 20% darker color. If you saturate the color by 10%, you get $118.5680, -33.6540, 4.1860$, and if you desaturate by 10%, it is $137.5280, -18.9820, 2.6020$.

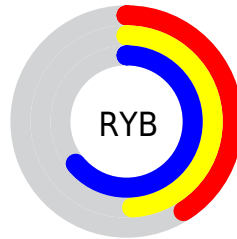
Distribution



Red (41%)

Green (52%)

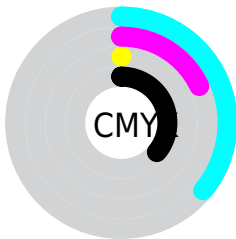
Blue (64%)



Red (41%)

Yellow (49%)

Blue (64%)

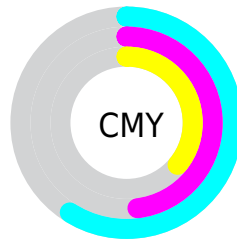


Cyan (36%)

Magenta (18%)

Yellow (0%)

Black (36%)



Cyan (59%)

Magenta (48%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 128.0480, -26.3180, 3.3940 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 128.0480, -26.3180, 3.3940 by changing the saturation by 10% instead.

■ 128.0480,
-26.3180, 3.3940

■ 128.0480,
-26.3180, 3.3940

■ 255.0000, -0.0000,
-0.0000

■ 102.9340,
-25.9970, 3.0830

■ 181.2760,
-26.9600, 4.0160

■ 78.4070, -25.9510,
2.2490

■ 208.9770,
-27.5560, 3.8040

■ 54.3960, -27.4180,
1.3020

■ 234.8110,
-21.4570, -2.1050

■ 30.0750, -30.9480,
-0.8040

■ 251.1130, -7.7480,
-2.7560

■ 15.2400, -18.1110,
3.3370

■ 2.8670, -6.6950,
5.6970

■ 0.0000, 0.0000,

0.0000

■ 128.0480,
-26.3180, 3.3940

■ 128.0480,
-26.3180, 3.3940

■ 118.5680,
-33.6540, 4.1860

■ 137.5280,
-18.9820, 2.6020

■ 108.2020,
-41.3110, 5.2890

■ 147.8940,
-11.3250, 1.4990

■ 98.7220, -48.6470,
6.0810

■ 157.3740, -3.9890,
0.7070

■ 88.6550, -55.7080,
7.3960

■ 167.4410, 3.0720,
-0.6080

■ 79.1750, -63.0440,
8.1880

■ 176.9210, 10.4080,
-1.4000

■ 68.8090, -70.7010,
9.2910

■ 187.2870, 18.0650,
-2.5030

■ 64.9550, -74.0480,
9.3760

■ 196.7670, 25.4010,
-3.2950

■ 206.2470, 32.7370,
-4.0870

■ 216.6130, 40.3940,
-5.1900

Harmonies

Analogous

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



124.2160, -35.8990, -4.6910



128.0480, -26.3180, 3.3940



131.1750, -10.3180, 10.7860

Triad

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



128.0480, -26.3180, 3.3940



132.6400, 27.7370, 9.4410



125.8490, -7.4250, -14.1210

Complementary

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



128.0480, -26.3180, 3.3940



139.9520, 26.3180, -3.3940

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.



127.9280, 8.5300, -11.4220



128.0480, -26.3180, 3.3940



131.0110, 27.8300, 2.2460

Square

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



128.0480, -26.3180, 3.3940



133.3820, 19.8960, 13.8800



129.8480, 20.6790, -5.8250



124.3510, -23.5180, -14.3180

Rectangle

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



128.0480, -26.3180, 3.3940



132.9160, 0.7770, 13.4570



129.8480, 20.6790, -5.8250



126.6000, -2.2900, -13.5700

Sweetspot

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



128.0480, -26.3180, 3.3940



197.7800, -11.0040, 1.1880



142.3520, -25.2590, -21.3150



98.7050, -6.4190, 0.6930



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



128.0480, -26.3180, 3.3940



157.2020, -41.3110, 5.2890



111.6120, -18.6180, 18.0380



76.3740, -3.9890, 0.7070



57.6200, -65.7950, 8.4850



7.3350, -8.2530, 0.8910

Inverse Universe

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



125.5340, 25.5800, 21.0040



153.2250, 40.1120, 32.9760



156.3880, 18.6180, -18.0380



76.1470, 4.0800, 3.1520



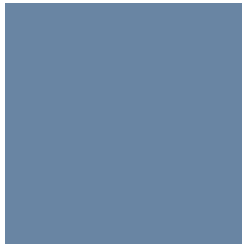
51.3350, 63.9500, 52.5100



6.4080, 7.8390, 6.6150

Previews

White Background



This preview shows how the YIQ color 128.0480, -26.3180, 3.3940 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 128.0480, -26.3180, 3.3940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

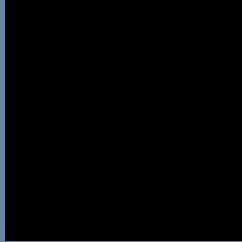
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

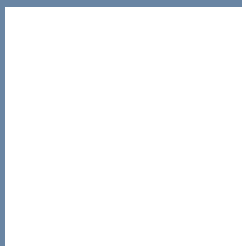
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 128.0480, -26.3180, 3.3940

Background



This preview shows how black text looks on a background with the YIQ color 128.0480, -26.3180, 3.3940.

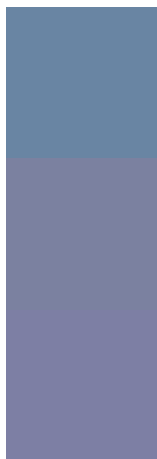


This preview shows how white text looks on a background with the YIQ color 128.0480, -26.3180,

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

128.0480, -26.3180, 3.3940

Protanopia

130.7400, -13.5270, 8.3690

Deuteranopia

130.6200, -13.0690, 11.0830



Tritanopia

126.7890, -24.3910, -3.9990

Trichromacy



Original Color

128.0480, -26.3180, 3.3940

Protanomaly

129.3480, -18.2950, 6.6730

Deuteranomaly

129.7010, -17.7910, 8.5530

Tritanomaly

127.1850, -25.4460, -1.3980

Monochromacy



Original Color

128.0480, -26.3180, 3.3940

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

128.2640, -9.4910, 1.3010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.0480, -26.3180, 3.3940 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, 133, 163)` looks like.

```
.text, #text, p{  
    color:rgb(105, 133, 163)  
}
```

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, 133, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 133, 163) }
```

Border

The CSS property to change the border of an element to YIQ 128.0480, -26.3180, 3.3940 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, 133, 163) }
```


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

```
.border{ border-color:rgb(105, 133, 163) }
```

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

Here you see how a box with a 4 pixel rgb(105, 133, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 133, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 133, 163);  
box-shadow:4px 4px 4px 4px rgb(105, 133,  
163) }
```

Background

The CSS property to change the background color of an element to YIQ 128.0480, -26.3180, 3.3940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 133, 163) }
```

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

```
.background{ background-color: rgb(105,  
133, 163) }
```

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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