

Converting Colors

YIQ(133.7760, -22.3760, 9.0480)

Have a look what the booklet for
YIQ(133.7760, -22.3760, 9.0480)
contains.

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Color

**YIQ(133.7760, -22.3760,
9.0480)**

Conversions

Conversions Part 1

Format	Color
Hex	7686AE
RGB	118, 134, 174
RGB Percent	46%, 53%, 68%
CMY	0.5373, 0.4745, 0.3178
CMYK	0.32, 0.23, 0.00, 0.32
HSL	223°, 26%, 57%
HSV	223°, 32%, 68%
XYZ	23.6338, 23.9582, 43.4075
YIQ	133.7760, -22.3760, 9.0480

Conversions

Conversions Part 2

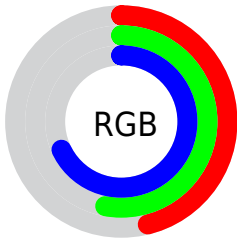
Format	Color
R _Y B	118, 130, 174
Decimal	7767726
CIE Lab	56.05, 3.87, -22.98
CIE LCh	56, 23.303, 279.562
Yxy	23.9582, 0.2597, 0.2633
Android (android.graphics.Color)	4285957806 (0xFF7686AE)
YUV	133.7760, 19.8304, -13.8356
Hunter-Lab	48.9471, 0.5301, -18.3169

Details

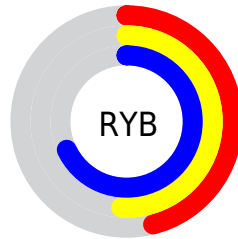
The YIQ color $133.7760, -22.3760, 9.0480$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $158.2240, 22.3760, -9.0480$, and the grayscale version is $134.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $187.1180, -23.3390, 9.9810$, and $83.7220, -22.2840, 7.3800$ is the 20% darker color. If you saturate the color by 10%, you get $121.6490, -29.2080, 11.7200$, and if you desaturate by 10%, it is $145.9030, -15.5440, 6.3760$.

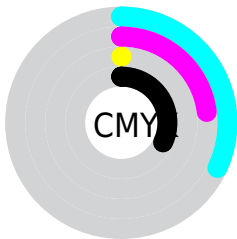
Distribution



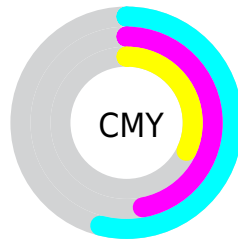
- Red (46%)
- Green (53%)
- Blue (68%)



- Red (46%)
- Yellow (51%)
- Blue (68%)



- Cyan (32%)
- Magenta (23%)
- Yellow (0%)
- Black (32%)



- Cyan (54%)
- Magenta (47%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.7760, -22.3760, 9.0480 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 133.7760, -22.3760, 9.0480 by changing the saturation by 10% instead.

■ 133.7760,
-22.3760, 9.0480

■ 133.7760,
-22.3760, 9.0480

■ 255.0000, -0.0000,
-0.0000

■ 108.2490,
-22.3300, 8.2140

■ 187.1180,
-23.3390, 9.9810

■ 83.7220, -22.2840,
7.3800

■ 214.7760,
-22.3760, 9.0480

■ 60.1950, -22.2380,
6.5460

■ 239.8830,
-12.7920, 0.5520

■ 36.8850, -24.3010,
5.3870

■ 17.4400, -21.5500,
5.0900

■ 4.4800, -9.8590,
7.9730

■ 0.0000, 0.0000,

0.0000

■ 133.7760,
-22.3760, 9.0480

■ 133.7760,
-22.3760, 9.0480

■ 121.6490,
-29.2080, 11.7200

■ 145.9030,
-15.5440, 6.3760

■ 108.6360,
-36.3610, 14.7030

■ 158.9160, -8.3910,
3.3930

■ 96.5090, -43.1930,
17.3750

■ 171.0430, -1.5590,
0.7210

■ 83.4960, -50.3460,
20.3580

■ 184.0560, 5.5940,
-2.2620

■ 71.3690, -57.1780,
23.0300

■ 196.1830, 12.4260,
-4.9340

■ 58.6550, -63.7350,
26.2250

■ 208.8970, 18.9830,
-8.1290

■ 49.1860, -69.6040,
27.9640

■ 221.3230, 26.4110,
-10.5890

■ 232.8520, 32.0510,
-13.6850

■ 240.4830, 28.4760,
-20.4840

Harmonies

Analogous

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



128.6980, -40.0720, -0.6480



133.7760, -22.3760, 9.0480



137.1270, -1.1950, 16.1570

Triad

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



133.7760, -22.3760, 9.0480



135.7670, 34.5690, 6.7690



127.2110, -20.3080, -17.4280

Complementary

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



133.7760, -22.3760, 9.0480



158.2240, 22.3760, -9.0480

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.



130.3890, -0.3180, -16.2700



133.7760, -22.3760, 9.0480



134.3330, 29.6190, -2.6450

Square

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



133.7760, -22.3760, 9.0480



136.7700, 30.4870, 14.6710



132.4190, 17.3330, -11.2670



124.6850, -39.1980, -16.4940

Rectangle

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



133.7760, -22.3760, 9.0480



137.7110, 11.7800, 17.7960



132.4190, 17.3330, -11.2670



128.5060, -13.8890, -18.1210

Sweetspot

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



133.7760, -22.3760, 9.0480



210.7310, -9.3080, 3.4920



155.3180, -27.9190, -17.1590



104.9440, -5.5940, 2.2620



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



133.7760, -22.3760, 9.0480



163.4080, -35.7190, 14.0810



127.6730, -11.4200, 19.7480



80.7870, -3.7140, 1.2300



42.3410, -59.9750, 24.1610



6.7310, -9.3080, 3.4920

Inverse Universe

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



136.5680, 28.2400, 16.8480



167.5750, 44.6980, 26.9540



164.3270, 11.4200, -19.7480



81.0330, 4.4010, 2.8410



49.7520, 75.5970, 45.1730



7.6750, 11.4610, 7.0530

Previews

White Background



This preview shows how the YIQ color 133.7760, -22.3760, 9.0480 looks on a white background.

Color Contrast Check

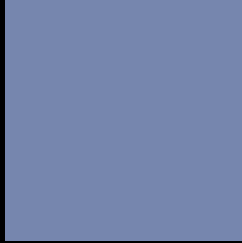
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.7760, -22.3760, 9.0480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

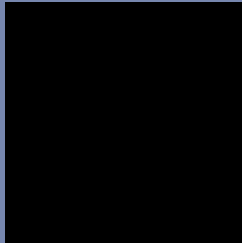
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 133.7760, -22.3760, 9.0480

Background



This preview shows how black text looks on a background with the YIQ color 133.7760, -22.3760, 9.0480.



This preview shows how white text looks on a background with the YIQ color 133.7760, -22.3760,

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

133.7760, -22.3760, 9.0480

Protanopia

134.8690, -18.2040, 10.5320

Deuteranopia

134.6950, -17.6540, 11.5780



Tritanopia

131.8930, -18.7520, -1.5680

Trichromacy



Original Color

133.7760, -22.3760, 9.0480

Protanomaly

134.2710, -19.3960, 10.1080

Deuteranomaly

134.3850, -19.7170, 10.4190

Tritanomaly

132.9300, -20.1740, 2.1780

Monochromacy



Original Color

133.7760, -22.3760, 9.0480

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

133.9160, -8.3910, 3.3930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.7760, -22.3760, 9.0480 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(118, 134, 174)` looks like.

```
.text, #text, p{  
    color:rgb(118, 134, 174)  
}
```

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(118, 134, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 134, 174) }
```

Border

The CSS property to change the border of an element to YIQ 133.7760, -22.3760, 9.0480 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(118, 134, 174) }
```


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

```
.border{ border-color:rgb(118, 134, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 134, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 134, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 134, 174);  
box-shadow:4px 4px 4px 4px rgb(118, 134,  
174) }
```

Background

The CSS property to change the background color of an element to YIQ 133.7760, -22.3760, 9.0480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 134, 174) }
```

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

```
.background{ background-color: rgb(118,  
134, 174) }
```

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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