

Converting Colors

YIQ(126.0880, -23.7950,
-3.7870)

Have a look what the booklet for
YIQ(126.0880, -23.7950, -3.7870)
contains.

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Color

**YIQ(126.0880, -23.7950,
-3.7870)**

Conversions

Conversions Part 1

Format	Color
Hex	658792
RGB	101, 135, 146
RGB Percent	40%, 53%, 57%
CMY	0.6040, 0.4705, 0.4276
CMYK	0.31, 0.08, 0.00, 0.43
HSL	195°, 18%, 48%
HSV	195°, 31%, 57%
XYZ	19.2169, 22.1721, 30.4502
YIQ	126.0880, -23.7950, -3.7870

Conversions

Conversions Part 2

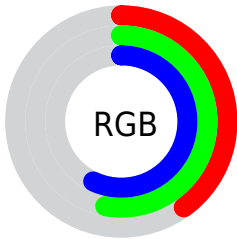
Format	Color
R_{YB}	101, 120, 146
Decimal	6653842
CIE _{Lab}	54.21, -9.16, -9.74
CIE _{LCh}	54, 13.373, 226.746
Yxy	22.1721, 0.2675, 0.3086
Android (android.graphics.Color)	4284843922 (0xFF658792)
YUV	126.0880, 9.8166, -22.0022
Hunter-Lab	47.0872, -9.5543, -5.3804

Details

The YIQ color $126.0880, -23.7950, -3.7870$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $120.9120, 23.7950, 3.7870$, and the grayscale version is $126.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $178.9030, -24.7120, -3.6880$, and $76.3870, -23.1990, -3.5750$ is the 20% darker color. If you saturate the color by 10%, you get $119.2550, -31.6350, -4.8750$, and if you desaturate by 10%, it is $132.9210, -15.9550, -2.6990$.

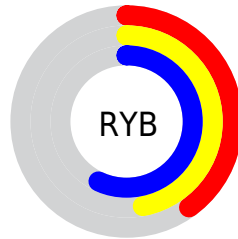
Distribution



Red (40%)

Green (53%)

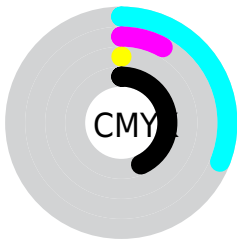
Blue (57%)



Red (40%)

Yellow (47%)

Blue (57%)

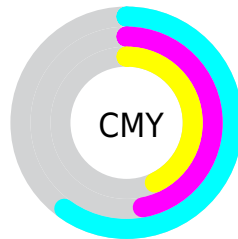


Cyan (31%)

Magenta (8%)

Yellow (0%)

Black (43%)



Cyan (60%)

Magenta (47%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.0880, -23.7950, -3.7870 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 126.0880, -23.7950, -3.7870 by changing the saturation by 10% instead.

■ 126.0880,
-23.7950, -3.7870

■ 126.0880,
-23.7950, -3.7870

■ 255.0000, -0.0000,
-0.0000

■ 100.9740,
-23.4740, -4.0980

■ 178.9030,
-24.7120, -3.6880

■ 76.3870, -23.1990,
-3.5750

■ 206.6040,
-25.3080, -3.9000

■ 52.9740, -23.4740,
-4.0980

■ 234.4900,
-24.9870, -4.2110

■ 29.6640, -25.5370,
-5.2570

■ 249.6180,
-10.7280, -3.8160

■ 14.9320, -14.4880,
-1.7520

■ 0.0000, 0.0000,
0.0000

■ 126.0880,
-23.7950, -3.7870

■ 126.0880,
-23.7950, -3.7870

■ 119.2550,
-31.6350, -4.8750

■ 132.9210,
-15.9550, -2.6990

■ 113.3080,
-39.1540, -6.2740

■ 138.8680, -8.4360,
-1.3000

■ 106.4750,
-46.9940, -7.3620

■ 145.7010, -0.5960,
-0.2120

■ 100.5280,
-54.5130, -8.7610

■ 151.6480, 6.9230,
1.1870

■ 93.6950, -62.3530,
-9.8490

■ 158.4810, 14.7630,
2.2750

■ 87.4490, -70.4680,
-11.4600


■ 164.7270, 22.8780,
3.8860

■ 81.2140, -77.1160,
-12.1240

■ 171.2610, 30.1220,
4.7620

■ 177.5070, 38.2370,

6.3730

 184.0410, 45.4810,
7.2490

Harmonies

Analogous

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



125.2360, -21.4560, -7.6320



126.0880, -23.7950, -3.7870



128.0010, -18.9360, 1.7680

Triad

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



126.0880, -23.7950, -3.7870



131.8540, 12.5150, 9.9790



128.6770, 7.9790, -6.9410

Complementary

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



126.0880, -23.7950, -3.7870



120.9120, 23.7950, 3.7870

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.



129.8030, 16.5520, -2.6160



126.0880, -23.7950, -3.7870



131.6820, 18.7510, 7.0950

Square

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



126.0880, -23.7950, -3.7870



131.8790, 2.1990, 9.7110



131.1180, 20.2190, 2.5150



127.2350, -2.5200, -9.4000

Rectangle

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



126.0880, -23.7950, -3.7870



129.5180, -13.0220, 4.7220



131.1180, 20.2190, 2.5150



129.1720, 10.9590, -5.8810

Sweetspot

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



126.0880, -23.7950, -3.7870



181.5690, -9.0320, -1.5120



128.5550, -15.5850, -20.4250



89.8360, -5.4100, -1.0740



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



126.0880, -23.7950, -3.7870



158.0910, -37.0450, -5.9490



113.1740, -17.7450, 7.7190



70.7330, -3.6220, -0.4380



76.7800, -72.8980, -11.4740



5.8360, -5.4100, -1.0740

Inverse Universe

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



118.3310, 15.9060, 20.1140



145.9720, 24.7070, 31.3230



133.8260, 17.7450, -7.7190



69.6630, 2.5670, 3.0390



53.1180, 48.8640, 61.6000



3.9020, 3.3920, 4.6080

Previews

White Background



This preview shows how the YIQ color 126.0880, -23.7950, -3.7870 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 126.0880, -23.7950, -3.7870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

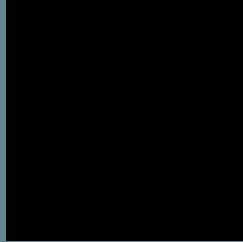
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 126.0880, -23.7950, -3.7870

Background



This preview shows how black text looks on a background with the YIQ color 126.0880, -23.7950, -3.7870.



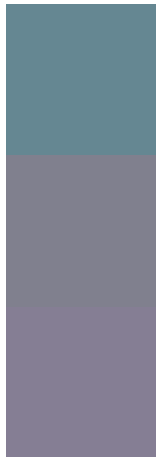
This preview shows how white text looks on a background with the YIQ color 126.0880, -23.7950, -3.7870.

-3.7870.

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

126.0880, -23.7950, -3.7870

Protanopia

129.5960, -4.4940, 4.3540

Deuteranopia

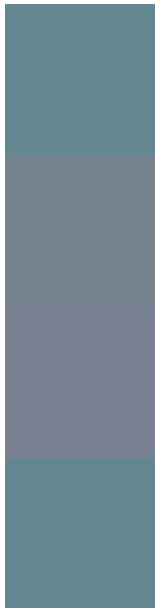
130.6010, -2.8900, 8.3260



Tritanopia

126.0880, -23.7950, -3.7870

Trichromacy



Original Color

126.0880, -23.7950, -3.7870

Protanomaly

128.4810, -11.6000, 0.9760

Deuteranomaly

128.6600, -10.5460, 3.9020

Tritanomaly

126.0880, -23.7950, -3.7870

Monochromacy



Original Color

126.0880, -23.7950, -3.7870

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.8680, -8.4360, -1.3000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.0880, -23.7950, -3.7870 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(101, 135, 146)` looks like.

```
.text, #text, p{  
    color:rgb(101, 135, 146)  
}
```

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(101, 135, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 135, 146) }
```

Border

The CSS property to change the border of an element to YIQ 126.0880, -23.7950, -3.7870 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(101, 135, 146) }
```


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

```
.border{ border-color:rgb(101, 135, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 135, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 135, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 135, 146);  
box-shadow:4px 4px 4px 4px rgb(101, 135,  
146) }
```

Background

The CSS property to change the background color of an element to YIQ 126.0880, -23.7950, -3.7870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 135, 146) }
```

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

```
.background{ background-color: rgb(101,  
135, 146) }
```

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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