

Converting Colors

YIQ(99.8770, -21.8230, -6.4870)

Have a look what the booklet for
YIQ(99.8770, -21.8230, -6.4870)
contains.

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Color

**YIQ(99.8770, -21.8230,
-6.4870)**

Conversions

Conversions Part 1

Format	Color
Hex	4B6E71
RGB	75, 110, 113
RGB Percent	29%, 43%, 44%
CMY	0.7060, 0.5686, 0.5569
CMYK	0.34, 0.03, 0.00, 0.56
HSL	185°, 20%, 37%
HSV	185°, 34%, 44%
XYZ	11.4569, 13.8418, 17.6840
YIQ	99.8770, -21.8230, -6.4870

Conversions

Conversions Part 2

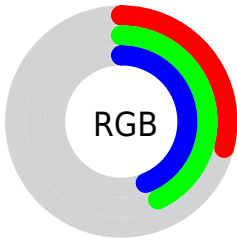
Format	Color
R_{YB}	75, 93, 113
Decimal	4943473
CIE _{Lab}	44.01, -11.65, -5.66
CIE _{LCh}	44, 12.956, 205.917
Yxy	13.8418, 0.2665, 0.3220
Android (android.graphics.Color)	4283133553 (0xFF4B6E71)
YUV	99.8770, 6.4696, -21.8171
Hunter-Lab	37.2046, -10.1401, -2.1384

Details

The YIQ color **99.8770, -21.8230, -6.4870** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **88.1230, 21.8230, 6.4870**, and the grayscale version is **100.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **151.2790, -23.0150, -6.9110**, and **51.8770, -21.8230, -6.4870** is the 20% darker color. If you saturate the color by 10%, you get **96.0010, -28.1040, -8.2960**, and if you desaturate by 10%, it is **103.7530, -15.5420, -4.6780**.

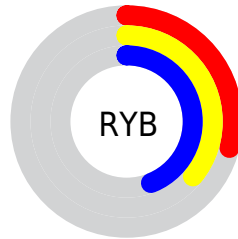
Distribution



Red (29%)

Green (43%)

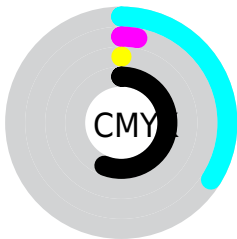
Blue (44%)



Red (29%)

Yellow (36%)

Blue (44%)

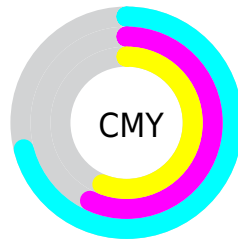


Cyan (34%)

Magenta (3%)

Yellow (0%)

Black (56%)



Cyan (71%)

Magenta (57%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 99.8770, -21.8230, -6.4870 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 99.8770, -21.8230, -6.4870 by changing the saturation by 10% instead.

■ 99.8770, -21.8230,
-6.4870

■ 99.8770, -21.8230,
-6.4870

■ 255.0000, -0.0000,
-0.0000

■ 75.8770, -21.8230,
-6.4870

■ 151.2790,
-23.0150, -6.9110

■ 51.8770, -21.8230,
-6.4870

■ 178.2790,
-23.0150, -6.9110

■ 28.9800, -23.6110,
-7.1230

■ 205.9800,
-23.6110, -7.1230

■ 14.9490, -13.1580,
-3.8300

■ 233.9800,
-23.6110, -7.1230

■ 0.0000, 0.0000,
0.0000

■ 249.0200,
-11.9200, -4.2400

■ 99.8770, -21.8230,
-6.4870

■ 99.8770, -21.8230,
-6.4870

■ 96.0010, -28.1040,
-8.2960

■ 103.7530,
-15.5420, -4.6780

■ 91.8260, -34.9810,
-10.3170

■ 107.9280, -8.6650,
-2.6570

■ 87.9500, -41.2620,
-12.1260

■ 111.8040, -2.3840,
-0.8480

■ 84.0740, -47.5430,
-13.9350

■ 115.6800, 3.8970,
0.9610

■ 80.4860, -54.6950,
-16.4790

■ 118.9690, 10.4530,
3.2930

■ 76.6100, -60.9760,
-18.2880

■ 123.1440, 17.3300,
5.3140

■ 73.9300, -64.8730,
-19.2490

■ 127.0200, 23.6110,
7.1230

■ 130.8960, 29.8920,

8.9320

■ 135.0710, 36.7690,
10.9530

Harmonies

Analogous

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



100.1180, -15.3120, -8.8480



99.8770, -21.8230, -6.4870



100.8110, -21.4570, -2.1050

Triad

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



99.8770, -21.8230, -6.4870



105.7330, 5.5460, 9.6260



104.0090, 12.9760, -3.8880

Complementary

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



99.8770, -21.8230, -6.4870



88.1230, 21.8230, 6.4870

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.



104.8080, 18.1560, 1.3560



99.8770, -21.8230, -6.4870



106.3980, 13.7990, 8.7350

Square

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



99.8770, -21.8230, -6.4870



104.9920, -5.5490, 6.9550



105.4430, 17.9260, 5.5260



102.4100, 4.3570, -7.3790

Rectangle

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



99.8770, -21.8230, -6.4870



102.7730, -18.2940, 1.1460



105.4430, 17.9260, 5.5260



104.3190, 15.0390, -2.7290

Sweetspot

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



99.8770, -21.8230, -6.4870



142.9280, -8.6650, -2.6570



97.6480, -11.4130, -18.9410



70.7220, -5.0890, -1.3850



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



99.8770, -21.8230, -6.4870



127.4240, -33.7890, -9.8930



88.7240, -16.5980, 3.4500



54.2060, -3.5760, -1.2720



78.8370, -69.0450, -20.7330



161.9940, -141.9870, -42.4270

Inverse Universe

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



90.3520, 11.4130, 18.9410



112.7970, 17.8300, 29.3020



99.2760, 16.5980, -3.4500



52.4780, 1.6500, 3.1380



48.5340, 35.8890, 59.9610



99.8450, 74.0240, 123.2720

Previews

White Background



This preview shows how the YIQ color 99.8770, -21.8230, -6.4870 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 99.8770, -21.8230, -6.4870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

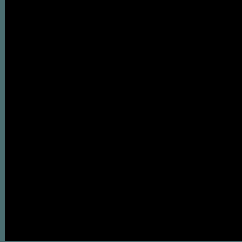
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 99.8770, -21.8230, -6.4870

Background



This preview shows how black text looks on a background with the YIQ color 99.8770, -21.8230, -6.4870.



This preview shows how white text looks on a background with the YIQ color 99.8770, -21.8230,

-6.4870.

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

99.8770, -21.8230, -6.4870

Protanopia

103.9830, -1.3300, 2.0780

Deuteranopia

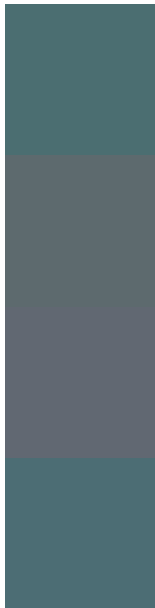
104.9880, 0.2740, 6.0500



Tritanopia

100.1590, -22.5570, -4.1970

Trichromacy



Original Color

99.8770, -21.8230, -6.4870

Protanomaly

102.5690, -9.0320, -1.5120

Deuteranomaly

103.0470, -7.3820, 1.6260

Tritanomaly

99.9310, -21.9150, -4.8190

Monochromacy



Original Color

99.8770, -21.8230, -6.4870

Achromatopsia

100.0000, -0.0000, -0.0000

Achromatomaly

100.2270, -8.0690, -2.4450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.8770, -21.8230, -6.4870 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(75, 110, 113)` looks like.

```
.text, #text, p{  
    color:rgb(75, 110, 113)  
}
```

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(75, 110, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 110, 113) }
```

Border

The CSS property to change the border of an element to YIQ 99.8770, -21.8230, -6.4870 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(75, 110, 113) }
```


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

```
.border{ border-color:rgb(75, 110, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 110, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 110, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 110, 113);  
box-shadow:4px 4px 4px 4px rgb(75, 110,  
113) }
```

Background

The CSS property to change the background color of an element to YIQ 99.8770, -21.8230, -6.4870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 110, 113) }
```

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

```
.background{ background-color: rgb(75, 110,  
113) }
```

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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