

Converting Colors

YIQ(79.8810, -18.4780, 4.4820)

Have a look what the booklet for
YIQ(79.8810, -18.4780, 4.4820)
contains.

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Color

**YIQ(79.8810, -18.4780,
4.4820)**

Conversions

Conversions Part 1

Format	Color
Hex	41526C
RGB	65, 82, 108
RGB Percent	25%, 32%, 42%
CMY	0.7451, 0.6784, 0.5766
CMYK	0.40, 0.24, 0.00, 0.58
HSL	216°, 25%, 34%
HSV	216°, 40%, 42%
XYZ	7.9029, 8.2415, 15.3549
YIQ	79.8810, -18.4780, 4.4820

Conversions

Conversions Part 2

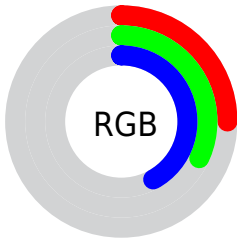
Format	Color
R_{YB}	65, 77, 108
Decimal	4280940
CIE _{Lab}	34.48, 0.64, -17.07
CIE _{LCh}	34, 17.078, 272.157
Yxy	8.2415, 0.2509, 0.2616
Android (android.graphics.Color)	4282471020 (0xFF41526C)
YUV	79.8810, 13.8627, -13.0506
Hunter-Lab	28.7080, -1.1004, -11.6167

Details

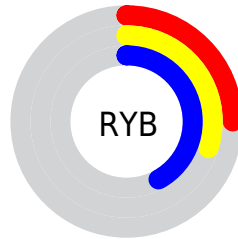
The YIQ color **79.8810, -18.4780, 4.4820** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **93.1190, 18.4780, -4.4820**, and the grayscale version is **80.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **129.5220, -18.8450, 5.6270**, and **34.5280, -18.9820, 2.6020** is the 20% darker color. If you saturate the color by 10%, you get **72.4830, -23.1090, 5.8110**, and if you desaturate by 10%, it is **87.2790, -13.8470, 3.1530**.

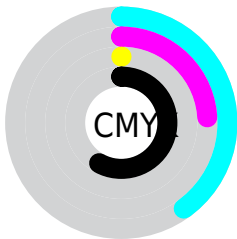
Distribution



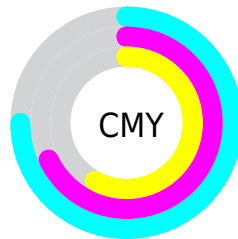
- Red (25%)
- Green (32%)
- Blue (42%)



- Red (25%)
- Yellow (30%)
- Blue (42%)



- Cyan (40%)
- Magenta (24%)
- Yellow (0%)
- Black (58%)



- Cyan (75%)
- Magenta (68%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 79.8810, -18.4780, 4.4820 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 79.8810, -18.4780, 4.4820 by changing the saturation by 10% instead.

■ 79.8810, -18.4780,
4.4820

■ 79.8810, -18.4780,
4.4820

■ 255.0000, -0.0000,
-0.0000

■ 56.4680, -18.7530,
3.9590

■ 129.4080,
-18.5240, 5.3160

■ 34.5280, -18.9820,
2.6020

■ 155.3370,
-19.7620, 5.7260

■ 14.4250, -17.1940,
3.2380

■ 182.3370,
-19.7620, 5.7260

■ 2.5250, -5.7320,
4.7640

■ 210.4510,
-20.0830, 6.0370

■ 0.0000, 0.0000,
0.0000

■ 236.6270,
-14.9470, 1.0610

■ 254.1030, -1.7880,

-0.6360

■ 79.8810, -18.4780,
4.4820

■ 79.8810, -18.4780,
4.4820

■ 72.4830, -23.1090,
5.8110

■ 87.2790, -13.8470,
3.1530

■ 65.6720, -28.0150,
6.6170

■ 94.0900, -8.9410,
2.3470

■ 58.5730, -32.0500,
8.1580

■ 101.1890, -4.9060,
0.8060

■ 51.7620, -36.9560,
8.9640

■ 108.0000, -0.0000,
0.0000

■ 44.3640, -41.5870,
10.2930

■ 115.3980, 4.6310,
-1.3290

■ 37.5530, -46.4930,
11.0990

■ 122.2090, 9.5370,
-2.1350

■ 129.6070, 14.1680,
-3.4640

■ 136.1190, 18.4780,
-4.4820

■ 143.5170, 23.1090,
-5.8110

Harmonies

Analogous

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



76.5050, -29.3430, -2.3590



79.8810, -18.4780, 4.4820



82.1710, -4.4950, 9.8810

Triad

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



79.8810, -18.4780, 4.4820



82.1940, 23.0610, 6.0770



76.4620, -10.5890, -11.8450

Complementary

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



79.8810, -18.4780, 4.4820



93.1190, 18.4780, -4.4820

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.



78.9320, 2.7070, -10.5170



79.8810, -18.4780, 4.4820



81.3090, 20.9990, -0.6090

Square

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



79.8810, -18.4780, 4.4820



82.9040, 18.2460, 10.7420



80.6130, 14.0310, -6.4890



75.0460, -23.9770, -11.5050

Rectangle

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



79.8810, -18.4780, 4.4820



83.0150, 4.8120, 11.9160



80.6130, 14.0310, -6.4890



77.8000, -5.7290, -11.8170

Sweetspot

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



79.8810, -18.4780, 4.4820



129.0470, -7.3820, 1.6260



93.2050, -20.1710, -14.4030



64.4880, -4.3100, 1.0180



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



79.8810, -18.4780, 4.4820



96.4870, -28.9320, 6.7160



71.0980, -11.4190, 14.2210



49.8580, -2.4760, 0.8200



40.3400, -50.2070, 12.3290



84.8690, -105.3200, 25.4640

Inverse Universe

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



79.7950, 20.1710, 14.4030



96.1110, 31.2650, 22.6010



101.9020, 11.4190, -14.2210



50.0220, 2.9340, 1.8940



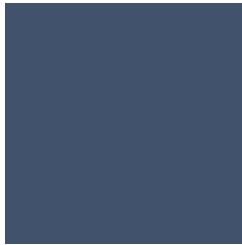
40.2270, 54.9660, 39.1100



84.3130, 114.8830, 82.1070

Previews

White Background



This preview shows how the YIQ color 79.8810, -18.4780, 4.4820 looks on a white background.

Color Contrast Check

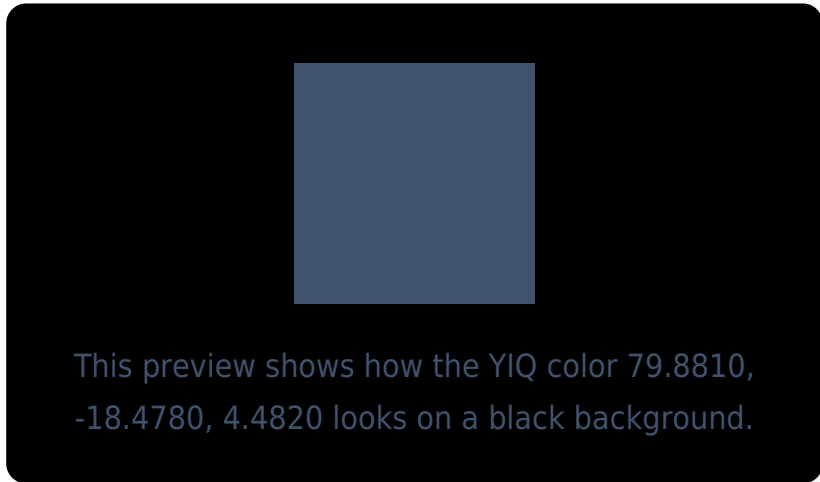
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

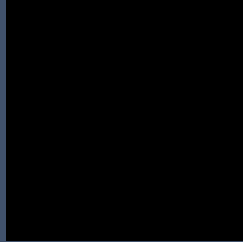
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

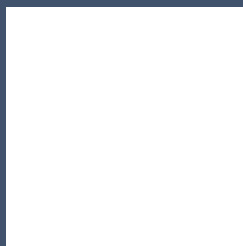
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 79.8810, -18.4780, 4.4820

Background



This preview shows how black text looks on a background with the YIQ color 79.8810, -18.4780, 4.4820.

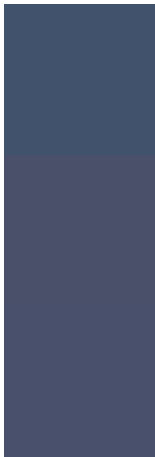


This preview shows how white text looks on a background with the YIQ color 79.8810, -18.4780,

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

79.8810, -18.4780, 4.4820

Protanopia

81.1700, -11.9220, 6.8140

Deuteranopia

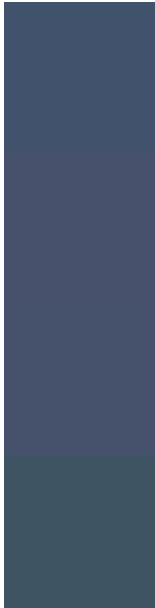
81.0990, -13.1600, 7.2240



Tritanopia

78.6220, -16.5510, -2.9110

Trichromacy



Original Color

79.8810, -18.4780, 4.4820

Protanomaly

80.9740, -14.3060, 5.9660

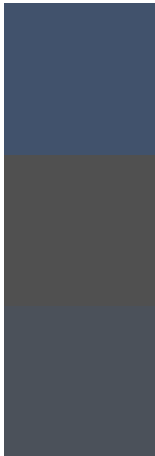
Deuteranomaly

80.7890, -15.2230, 6.0650

Tritanomaly

79.0180, -17.6060, -0.3100

Monochromacy



Original Color

79.8810, -18.4780, 4.4820

Achromatopsia

80.0000, 0.0000, -0.0000

Achromatomaly

80.2320, -6.4650, 1.5270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 79.8810, -18.4780, 4.4820 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(65, 82, 108)` looks like.

```
.text, #text, p{  
    color:rgb(65, 82, 108)  
}
```

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(65, 82, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 82, 108) }
```

Border

The CSS property to change the border of an element to YIQ 79.8810, -18.4780, 4.4820 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(65, 82, 108) }
```


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

```
.border{ border-color:rgb(65, 82, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 82, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 82, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 82, 108);  
box-shadow:4px 4px 4px 4px rgb(65, 82,  
108) }
```

Background

The CSS property to change the background color of an element to YIQ 79.8810, -18.4780, 4.4820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 82, 108) }
```

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

```
.background{ background-color: rgb(65, 82,  
108) }
```

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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