

Converting Colors

YIQ(99.4720, -15.4080, 14.9280)

Have a look what the booklet for
YIQ(99.4720, -15.4080, 14.9280)
contains.

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Color

**YIQ(99.4720, -15.4080,
14.9280)**

Conversions

Conversions Part 1

Format	Color
Hex	5E5E8E
RGB	94, 94, 142
RGB Percent	37%, 37%, 56%
CMY	0.6313, 0.6314, 0.4432
CMYK	0.34, 0.34, 0.00, 0.44
HSL	240°, 20%, 46%
HSV	240°, 34%, 56%
XYZ	13.5002, 12.3378, 27.2512
YIQ	99.4720, -15.4080, 14.9280

Conversions

Conversions Part 2

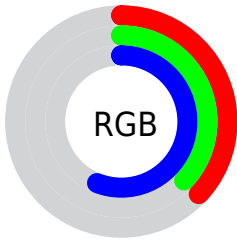
Format	Color
R_{YB}	94, 94, 142
Decimal	6184590
CIE _{Lab}	41.75, 11.96, -26.47
CIE _{LCh}	42, 29.052, 294.320
Yxy	12.3378, 0.2543, 0.2324
Android (android.graphics.Color)	4284374670 (0xFF5E5E8E)
YUV	99.4720, 20.9663, -4.7989
Hunter-Lab	35.1251, 7.1367, -21.4115

Details

The YIQ color $99.4720, -15.4080, 14.9280$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $136.5280, 15.4080, -14.9280$, and the grayscale version is $99.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $150.5260, -15.5000, 16.5960$, and $52.0050, -15.5910, 12.7370$ is the 20% darker color. If you saturate the color by 10%, you get $87.0680, -19.9020, 19.2820$, and if you desaturate by 10%, it is $111.8760, -10.9140, 10.5740$.

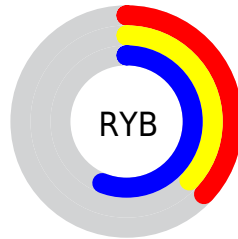
Distribution



Red (37%)

Green (37%)

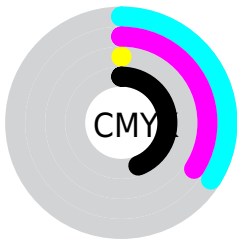
Blue (56%)



Red (37%)

Yellow (37%)

Blue (56%)

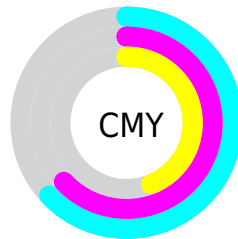


Cyan (34%)

Magenta (34%)

Yellow (0%)

Black (44%)



Cyan (63%)

Magenta (63%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 99.4720, -15.4080, 14.9280 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 99.4720, -15.4080, 14.9280 by changing the saturation by 10% instead.

■ 99.4720, -15.4080,
14.9280

■ 99.4720, -15.4080,
14.9280

■ 255.0000, -0.0000,
-0.0000

■ 74.9450, -15.3620,
14.0940

■ 150.5260,
-15.5000, 16.5960

■ 52.0050, -15.5910,
12.7370

■ 177.6400,
-15.8210, 16.9070

■ 29.5810, -17.3330,
11.2670

■ 205.1670,
-15.8670, 17.7410

■ 5.1300, -14.4450,
13.9950

■ 230.2030, -7.5210,
9.6550

■ 3.3230, -7.9790,
6.9410

■ 0.0000, 0.0000,
0.0000

■ 99.4720, -15.4080,
14.9280

■ 99.4720, -15.4080,
14.9280

■ 87.0680, -19.9020,
19.2820

■ 111.8760,
-10.9140, 10.5740

■ 74.6640, -24.3960,
23.6360

■ 124.2800, -6.4200,
6.2200

■ 61.3740, -29.2110,
28.3010

■ 137.5700, -1.6050,
1.5550

■ 48.9700, -33.7050,
32.6550

■ 149.9740, 2.8890,
-2.7990

■ 36.5660, -38.1990,
37.0090

■ 162.3780, 7.3830,
-7.1530

■ 24.1620, -42.6930,
41.3630

■ 174.7820, 11.8770,
-11.5070

■ 16.1880, -45.5820,
44.1620

■ 187.1860, 16.3710,
-15.8610

■ 200.4760, 21.1860,

-20.5260

■ 212.8800, 25.6800,
-24.8800

Harmonies

Analogous

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



91.7670, -44.5200, 2.8720



99.4720, -15.4080, 14.9280



101.4490, 9.7620, 21.3300

Triad

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



99.4720, -15.4080, 14.9280



98.2740, 37.2750, 1.7790



84.1310, -43.6900, -23.1940

Complementary

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



99.4720, -15.4080, 14.9280



136.5280, 15.4080, -14.9280

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.



91.1100, -12.8340, -20.7220



99.4720, -15.4080, 14.9280



97.3340, 27.8780, -9.6420

Square

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



99.4720, -15.4080, 14.9280



99.7230, 37.8690, 13.0450



94.7230, 10.3650, -17.1470



78.4950, -68.0820, -21.6660

Rectangle

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



99.4720, -15.4080, 14.9280



101.2780, 23.4250, 21.5130



94.7230, 10.3650, -17.1470



87.1170, -31.9070, -21.9790

Sweetspot

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



99.4720, -15.4080, 14.9280



167.1660, -6.0990, 5.9090



127.6480, -28.6080, -10.1760



82.2540, -3.5310, 3.4210



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



99.4720, -15.4080, 14.9280



116.6640, -24.3960, 23.6360



106.6480, -1.1040, 20.0160



64.7980, -2.2470, 2.1770



15.3900, -43.3350, 41.9850



0.9120, -2.5680, 2.4880

Inverse Universe

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



113.8240, 13.2000, 25.1040



139.3880, 20.9000, 39.7480



129.3520, 1.1040, -20.0160



66.8910, 1.9250, 3.6610



55.7550, 37.1250, 70.6050



3.3040, 2.2000, 4.1840

Previews

White Background



This preview shows how the YIQ color 99.4720, -15.4080, 14.9280 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 99.4720, -15.4080, 14.9280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

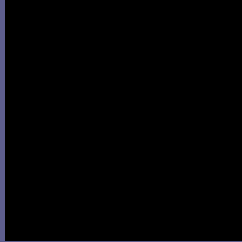
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 99.4720, -15.4080, 14.9280

Background



This preview shows how black text looks on a background with the YIQ color 99.4720, -15.4080, 14.9280.

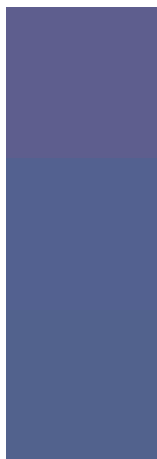


This preview shows how white text looks on a background with the YIQ color 99.4720, -15.4080,

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

99.4720, -15.4080, 14.9280

Protanopia

98.1720, -23.4310, 11.6490

Deuteranopia

98.1180, -23.3390, 9.9810



Tritanopia

97.7260, -10.9120, -0.4800

Trichromacy



Original Color

99.4720, -15.4080, 14.9280

Protanomaly

98.6670, -20.4510, 12.7090

Deuteranomaly

98.7270, -20.6800, 11.3520

Tritanomaly

98.2300, -12.1510, 5.4570

Monochromacy



Original Color

99.4720, -15.4080, 14.9280

Achromatopsia

99.0000, -0.0000, 0.0000

Achromatomaly

99.0520, -5.7780, 5.5980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.4720, -15.4080, 14.9280 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(94, 94, 142)` looks like.

```
.text, #text, p{  
    color:rgb(94, 94, 142)  
}
```

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(94, 94, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 94, 142) }
```

Border

The CSS property to change the border of an element to YIQ 99.4720, -15.4080, 14.9280 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(94, 94, 142) }
```


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

```
.border{ border-color:rgb(94, 94, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 94, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 94, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 94, 142);  
box-shadow:4px 4px 4px 4px rgb(94, 94,  
142) }
```

Background

The CSS property to change the background color of an element to YIQ 99.4720, -15.4080, 14.9280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 94, 142) }
```

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

```
.background{ background-color: rgb(94, 94,  
142) }
```

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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