

Converting Colors

YIQ(93.1940, 5.8660, 14.8420)

Have a look what the booklet for
YIQ(93.1940, 5.8660, 14.8420)
contains.

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Color

**YIQ(93.1940, 5.8660,
14.8420)**

Conversions

Conversions Part 1

Format	Color
Hex	6C5270
RGB	108, 82, 112
RGB Percent	42%, 32%, 44%
CMY	0.5764, 0.6785, 0.5608
CMYK	0.04, 0.27, 0.00, 0.56
HSL	292°, 15%, 38%
HSV	292°, 27%, 44%
XYZ	12.1279, 10.3922, 16.6959
YIQ	93.1940, 5.8660, 14.8420

Conversions

Conversions Part 2

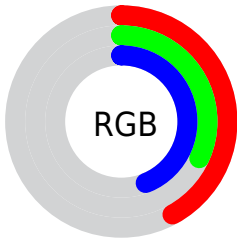
Format	Color
RYB	108, 82, 112
Decimal	7098992
CIELab	38.54, 16.65, -13.02
CIELCh	39, 21.132, 321.972
Yxy	10.3922, 0.3093, 0.2650
Android (android.graphics.Color)	4285289072 (0xFF6C5270)
YUV	93.1940, 9.2714, 12.9849
Hunter-Lab	32.2370, 10.7391, -8.1411

Details

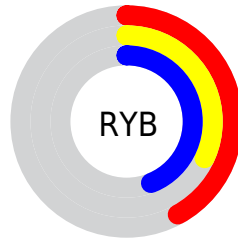
The YIQ color **93.1940, 5.8660, 14.8420** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **100.8060, -5.8660, -14.8420**, and the grayscale version is **93.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **144.0200, 6.4160, 15.8880**, and **46.9550, 5.0410, 13.2730** is the 20% darker color. If you saturate the color by 10%, you get **86.4380, 8.2950, 20.3830**, and if you desaturate by 10%, it is **100.2490, 4.0330, 9.5130**.

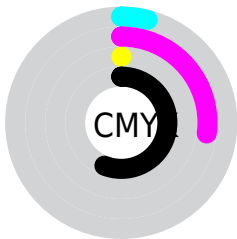
Distribution



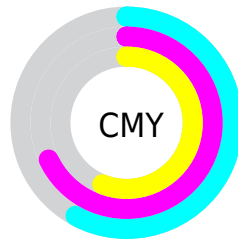
- Red (42%)
- Green (32%)
- Blue (44%)



- Red (42%)
- Yellow (32%)
- Blue (44%)



- Cyan (4%)
- Magenta (27%)
- Yellow (0%)
- Black (56%)



- Cyan (58%)
- Magenta (68%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 93.1940, 5.8660, 14.8420 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 93.1940, 5.8660, 14.8420 by changing the saturation by 10% instead.

■ 93.1940, 5.8660,
14.8420

■ 93.1940, 5.8660,
14.8420

■ 255.0000, -0.0000,
-0.0000

■ 69.4820, 4.9950,
14.1070

■ 144.0200, 6.4160,
15.8880

■ 46.9550, 5.0410,
13.2730

■ 170.4330, 6.6910,
16.4110

■ 25.5420, 4.7660,
12.7500

■ 197.8460, 6.9660,
16.9340

■ 6.6940, 1.2820,
9.8100

■ 225.8460, 6.9660,
16.9340

■ 0.0000, 0.0000,
0.0000

■ 246.7820, 3.8500,
7.3220

■ 93.1940, 5.8660,
14.8420

■ 93.1940, 5.8660,
14.8420

■ 86.4380, 8.2950,
20.3830

■ 100.2490, 4.0330,
9.5130

■ 79.3830, 10.1280,
25.7120

■ 107.0050, 1.6040,
3.9720

■ 72.0400, 12.8320,
31.7760

■ 114.3480, -1.1000,
-2.0920

■ 64.9850, 14.6650,
37.1050

■ 121.4030, -2.9330,
-7.4210

■ 58.2290, 17.0940,
42.6460

■ 128.1590, -5.3620,
-12.9620

■ 51.1740, 18.9270,
47.9750

■ 135.2140, -7.1950,
-18.2910

■ 44.4180, 21.3560,
53.5160


■ 141.9700, -9.6240,
-23.8320

■ 41.7710, 21.8600,

■ 149.6120,

55.3960

-11.7320, -29.6840

 156.3680,
-14.1610, -35.2250

Harmonies

Analogous

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



91.5770, -11.5100, 10.3620



93.1940, 5.8660, 14.8420



92.9090, 19.8500, 14.7140

Triad

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



93.1940, 5.8660, 14.8420



90.1470, 21.2750, -5.6130



80.3090, -40.8950, -13.2710

Complementary

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



93.1940, 5.8660, 14.8420



100.8060, -5.8660, -14.8420

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.



83.0410, -25.5810, -15.4770



93.1940, 5.8660, 14.8420



88.8140, 8.8510, -11.7330

Square

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



93.1940, 5.8660, 14.8420



91.0110, 27.8300, 2.2460



86.3220, -7.3790, -14.9550



81.6280, -43.0510, -7.2350

Rectangle

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



93.1940, 5.8660, 14.8420



92.7370, 26.0860, 11.8300



86.3220, -7.3790, -14.9550



80.8210, -36.5850, -14.2890

Sweetspot

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



93.1940, 5.8660, 14.8420



138.2440, 2.4290, 5.5410



87.7680, -10.7300, 7.2380



69.5920, 1.3290, 3.4490



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.



93.1940, 5.8660, 14.8420



116.2040, 9.0740, 22.7860



93.1360, 11.7810, 12.2690



52.1790, 1.0540, 2.9260



44.7760, 23.4640, 59.3680



92.4430, 48.8530, 122.3970

Inverse Universe

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



91.4260, 16.5960, 7.6040



113.4380, 25.4900, 11.6180



100.8640, -11.7810, -12.2690



51.9080, 3.2550, 1.5830



37.7040, 66.3840, 30.4160



77.6150, 136.6190, 62.6270

Previews

White Background



This preview shows how the YIQ color 93.1940, 5.8660, 14.8420 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 93.1940, 5.8660, 14.8420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

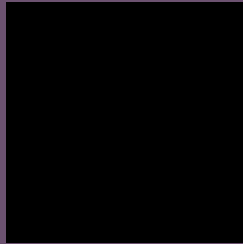
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 93.1940, 5.8660, 14.8420

Background



This preview shows how black text looks on a background with the YIQ color 93.1940, 5.8660, 14.8420.



This preview shows how white text looks on a background with the YIQ color 93.1940, 5.8660,

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

93.1940, 5.8660, 14.8420

Protanopia

91.3980, -12.5640, 7.4360

Deuteranopia

91.8070, -6.4660, 7.0540



Tritanopia

92.3650, 9.3980, 5.8940

Trichromacy



Original Color

93.1940, 5.8660, 14.8420

Protanomaly

92.1000, -5.7330, 10.2910

Deuteranomaly

92.1390, -1.4690, 10.1070

Tritanomaly

92.8750, 8.0220, 8.8060

Monochromacy



Original Color

93.1940, 5.8660, 14.8420

Achromatopsia

93.0000, -0.0000, -0.0000

Achromatomaly

92.9450, 1.8330, 5.3290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 93.1940, 5.8660, 14.8420 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(108, 82, 112)` looks like.

```
.text, #text, p{  
    color:rgb(108, 82, 112)  
}
```

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(108, 82, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 82, 112) }
```

Border

The CSS property to change the border of an element to YIQ 93.1940, 5.8660, 14.8420 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(108, 82, 112) }
```


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

```
.border{ border-color:rgb(108, 82, 112) }
```

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

Here you see how a box with a 4 pixel rgb(108, 82, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 82, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 82, 112);  
box-shadow:4px 4px 4px 4px rgb(108, 82,  
112) }
```

Background

The CSS property to change the background color of an element to YIQ 93.1940, 5.8660, 14.8420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 82, 112) }
```

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

```
.background{ background-color: rgb(108, 82,  
112) }
```

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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