

Converting Colors

YIQ(93.1830, 4.3990, 13.8950)

Have a look what the booklet for
YIQ(93.1830, 4.3990, 13.8950)
contains.

YIQ(93.1830, 4.3990, 13.8950)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(93.1830, 4.3990,
13.8950)**

Conversions

Conversions Part 1

Format	Color
Hex	6A5370
RGB	106, 83, 112
RGB Percent	42%, 33%, 44%
CMY	0.5842, 0.6745, 0.5608
CMYK	0.05, 0.26, 0.00, 0.56
HSL	288°, 15%, 38%
HSV	288°, 26%, 44%
XYZ	11.9631, 10.4202, 16.7096
YIQ	93.1830, 4.3990, 13.8950

Conversions

Conversions Part 2

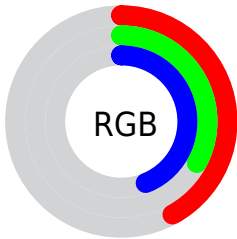
Format	Color
R_{YB}	106, 83, 112
Decimal	6968176
CIE _{Lab}	38.59, 15.29, -12.96
CIE _{LCh}	39, 20.046, 319.708
Yxy	10.4202, 0.3060, 0.2665
Android (android.graphics.Color)	4285158256 (0xFF6A5370)
YUV	93.1830, 9.2768, 11.2405
Hunter-Lab	32.2803, 9.6619, -8.0948

Details

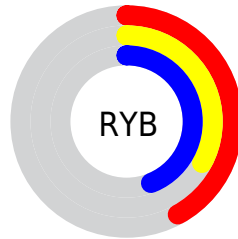
The YIQ color **93.1830, 4.3990, 13.8950** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **101.8170, -4.3990, -13.8950**, and the grayscale version is **93.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **144.0090, 4.9490, 14.9410**, and **46.9440, 3.5740, 12.3260** is the 20% darker color. If you saturate the color by 10%, you get **86.1280, 6.2320, 19.2240**, and if you desaturate by 10%, it is **100.2380, 2.5660, 8.5660**.

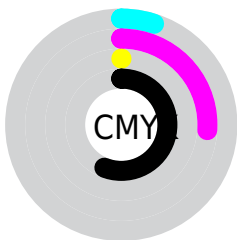
Distribution



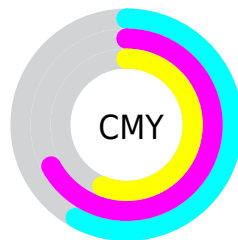
- Red (42%)
- Green (33%)
- Blue (44%)



- Red (42%)
- Yellow (33%)
- Blue (44%)



- Cyan (5%)
- Magenta (26%)
- Yellow (0%)
- Black (56%)



- Cyan (58%)
- Magenta (67%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 93.1830, 4.3990, 13.8950 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 93.1830, 4.3990, 13.8950 by changing the saturation by 10% instead.

■ 93.1830, 4.3990,
13.8950

■ 93.1830, 4.3990,
13.8950

■ 255.0000, -0.0000,
-0.0000

■ 69.7700, 4.1240,
13.3720

■ 144.0090, 4.9490,
14.9410

■ 46.9440, 3.5740,
12.3260

■ 170.4220, 5.2240,
15.4640

■ 25.5310, 3.2990,
11.8030

■ 197.5360, 4.9030,
15.7750

■ 6.0960, 0.0900,
9.3860

■ 225.8350, 5.4990,
15.9870

■ 0.0000, 0.0000,
0.0000

■ 247.3690, 3.5750,
6.7990

93.1830, 4.3990,
13.8950

93.1830, 4.3990,
13.8950

86.1280, 6.2320,
19.2240

100.2380, 2.5660,
8.5660

78.7740, 7.4690,
24.3410

107.5920, 1.3290,
3.4490

71.1320, 9.5770,
30.1930

115.2340, -0.7790,
-2.4030

64.0770, 11.4100,
35.5220

122.2890, -2.6120,
-7.7320

56.7230, 12.6470,
40.6390

129.6430, -3.8490,
-12.8490

49.6680, 14.4800,
45.9680

136.6980, -5.6820,
-18.1780

42.6130, 16.3130,
51.2970

143.7530, -7.5150,
-23.5070

39.3790, 17.0920,

151.3950, -9.6230,

53.7000

-29.3590

■ 158.7490,
-10.8600, -34.4760

Harmonies

Analogous

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



91.4520, -12.6560, 9.1040



93.1830, 4.3990, 13.8950



93.0120, 18.0620, 14.0780

Triad

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



93.1830, 4.3990, 13.8950



90.3750, 20.6330, -4.9910



81.8750, -36.6770, -12.6210

Complementary

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



93.1830, 4.3990, 13.8950



101.8170, -4.3990, -13.8950

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.



83.8350, -22.0050, -14.2050



93.1830, 4.3990, 13.8950



88.6400, 9.4010, -10.6870

Square

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



93.1830, 4.3990, 13.8950



91.9400, 26.5920, 2.6560



86.6320, -5.3160, -13.7960



82.8950, -39.4290, -6.7970

Rectangle

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



93.1830, 4.3990, 13.8950



92.9540, 23.9770, 11.5050



86.6320, -5.3160, -13.7960



82.2020, -33.2840, -13.5400

Sweetspot

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



93.1830, 4.3990, 13.8950



137.9450, 1.8330, 5.3290



89.8280, -10.9590, 5.8810



69.2930, 0.7330, 3.2370



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.



93.1830, 4.3990, 13.8950



115.8940, 7.0110, 21.6270



94.0650, 10.5430, 12.6790



52.1790, 1.0540, 2.9260



42.0850, 18.1000, 57.4600



86.7620, 37.5290, 118.3690

Inverse Universe

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



92.3550, 15.3580, 8.0140



114.5950, 23.6100, 12.6500



100.9350, -10.5430, -12.6790



52.0220, 2.9340, 1.8940



38.7300, 63.4950, 33.2150



79.6670, 130.8410, 68.2250

Previews

White Background



This preview shows how the YIQ color 93.1830, 4.3990, 13.8950 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 93.1830, 4.3990, 13.8950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

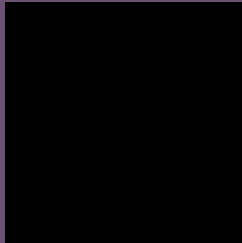
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 93.1830, 4.3990, 13.8950

Background



This preview shows how black text looks on a background with the YIQ color 93.1830, 4.3990, 13.8950.

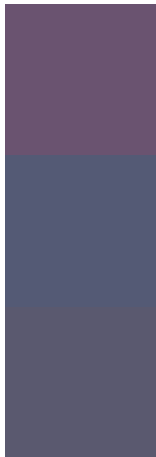


This preview shows how white text looks on a background with the YIQ color 93.1830, 4.3990,

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

93.1830, 4.3990, 13.8950

Protanopia

91.2840, -12.2430, 7.1250

Deuteranopia

91.8070, -6.4660, 7.0540



Tritanopia

91.8810, 7.8850, 5.7810

Trichromacy



Original Color

93.1830, 4.3990, 13.8950

Protanomaly

91.6870, -6.0080, 9.7680

Deuteranomaly

92.4270, -2.3400, 9.3720

Tritanomaly

92.3910, 6.5090, 8.6930

Monochromacy



Original Color

93.1830, 4.3990, 13.8950

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 93.1830, 4.3990, 13.8950 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(106, 83, 112)` looks like.

```
.text, #text, p{  
    color:rgb(106, 83, 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(106, 83, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 83, 112) }
```

Border

The CSS property to change the border of an element to YIQ 93.1830, 4.3990, 13.8950 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(106, 83, 112) }
```


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

```
.border{ border-color:rgb(106, 83, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 83, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 83, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 83, 112);  
box-shadow:4px 4px 4px 4px rgb(106, 83,  
112) }
```

Background

The CSS property to change the background color of an element to YIQ 93.1830, 4.3990, 13.8950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 83, 112) }
```

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

```
.background{ background-color: rgb(106, 83,  
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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