

Converting Colors

YIQ(93.5150, 9.3960, 16.9480)

Have a look what the booklet for
YIQ(93.5150, 9.3960, 16.9480)
contains.

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Color

**YIQ(93.5150, 9.3960,
16.9480)**

Conversions

Conversions Part 1

Format	Color
Hex	715070
RGB	113, 80, 112
RGB Percent	44%, 31%, 44%
CMY	0.5568, 0.6863, 0.5608
CMYK	0.00, 0.29, 0.01, 0.56
HSL	302°, 17%, 38%
HSV	302°, 29%, 44%
XYZ	12.6057, 10.4176, 16.6766
YIQ	93.5150, 9.3960, 16.9480

Conversions

Conversions Part 2

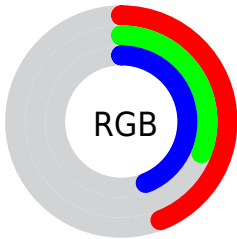
Format	Color
R_{YB}	113, 80, 112
Decimal	7426160
CIE _{Lab}	38.58, 19.72, -12.90
CIE _{LCh}	39, 23.563, 326.805
Yxy	10.4176, 0.3175, 0.2624
Android (android.graphics.Color)	4285616240 (0xFF715070)
YUV	93.5150, 9.1131, 17.0883
Hunter-Lab	32.2763, 13.2309, -8.0406

Details

The YIQ color **93.5150, 9.3960, 16.9480** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **99.4850, -9.3960, -16.9480**, and the grayscale version is **93.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **144.3410, 9.9460, 17.9940**, and **46.9770, 7.9750, 15.1670** is the 20% darker color. If you saturate the color by 10%, you get **87.0580, 12.4210, 22.7010**, and if you desaturate by 10%, it is **99.9720, 6.3710, 11.1950**.

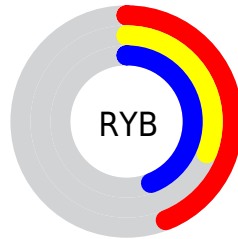
Distribution



Red (44%)

Green (31%)

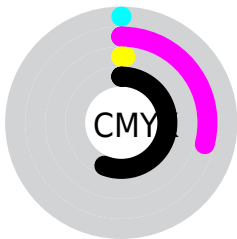
Blue (44%)



Red (44%)

Yellow (31%)

Blue (44%)

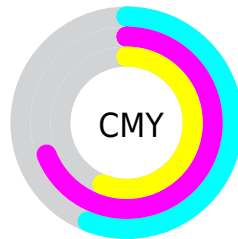


Cyan (0%)

Magenta (29%)

Yellow (1%)

Black (56%)



Cyan (56%)

Magenta (69%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 93.5150, 9.3960, 16.9480 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 93.5150, 9.3960, 16.9480 by changing the saturation by 10% instead.

93.5150, 9.3960,
16.9480

93.5150, 9.3960,
16.9480

255.0000, -0.0000,
-0.0000

69.8030, 8.5250,
16.2130

144.3410, 9.9460,
17.9940

46.9770, 7.9750,
15.1670

171.0530, 10.8170,
18.7290

24.9770, 7.9750,
15.1670

198.4660, 11.0920,
19.2520

8.4880, 4.8580,
11.0820

226.4660, 11.0920,
19.2520

0.0000, 0.0000,
0.0000

245.6080, 4.4000,
8.3680

93.5150, 9.3960,
16.9480

93.5150, 9.3960,
16.9480

87.0580, 12.4210,
22.7010

99.9720, 6.3710,
11.1950

79.9000, 16.0420,
28.6660

107.1300, 2.7500,
5.2300

73.4430, 19.0670,
34.4190

113.5870, -0.2750,
-0.5230

66.9860, 22.0920,
40.1720

120.0440, -3.3000,
-6.2760

59.8280, 25.7130,
46.1370

127.2020, -6.9210,
-12.2410

53.3710, 28.7380,
51.8900

133.6590, -9.9460,
-17.9940

46.9140, 31.7630,
57.6430


140.1160,
-12.9710, -23.7470

46.3270, 32.0380,

146.6870,

58.1660

-16.3170, -29.1890

 153.7310,
-19.6170, -35.4650

Harmonies

Analogous

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



92.2290, -10.4100, 12.4540



93.5150, 9.3960, 16.9480



93.0020, 24.0220, 16.1980

Triad

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



93.5150, 9.3960, 16.9480



89.5660, 21.4130, -8.1150



75.3720, -54.3740, -16.7900

Complementary

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



93.5150, 9.3960, 16.9480



99.4850, -9.3960, -16.9480

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.



80.6810, -33.3750, -17.3990



93.5150, 9.3960, 16.9480



87.8630, 7.1550, -14.0370

Square

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



93.5150, 9.3960, 16.9480



90.7400, 30.0310, 0.9030



84.8160, -11.8260, -16.9620



79.5070, -50.0200, -7.5880

Rectangle

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



93.5150, 9.3960, 16.9480



92.1180, 29.3870, 12.5790



84.8160, -11.8260, -16.9620



77.0800, -47.6800, -16.9600

Sweetspot

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



93.5150, 9.3960, 16.9480



140.2550, 3.8960, 6.4880



84.0610, -9.9970, 10.4750



69.3040, 2.2000, 4.1840



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.



93.5150, 9.3960, 16.9480



117.2480, 14.9420, 26.5740



91.6910, 14.5320, 11.9720



52.4780, 1.6500, 3.1380



49.1040, 34.2840, 61.5160



101.2130, 70.1720, 127.0040

Inverse Universe

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



93.5150, 9.3960, 16.9480



117.2480, 14.9420, 26.5740



101.3090, -14.5320, -11.9720



52.4780, 1.6500, 3.1380



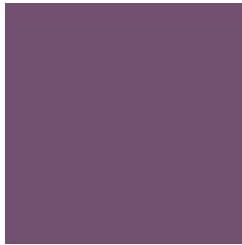
49.1040, 34.2840, 61.5160



101.2130, 70.1720, 127.0040

Previews

White Background



This preview shows how the YIQ color 93.5150, 9.3960, 16.9480 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 93.5150, 9.3960, 16.9480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

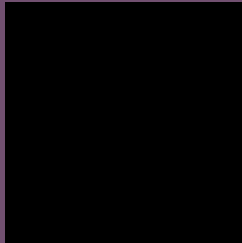
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 93.5150, 9.3960, 16.9480

Background



This preview shows how black text looks on a background with the YIQ color 93.5150, 9.3960, 16.9480.



This preview shows how white text looks on a background with the YIQ color 93.5150, 9.3960,

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

93.5150, 9.3960, 16.9480

Protanopia

91.2130, -13.4810, 7.5350

Deuteranopia

91.6930, -6.1450, 6.7430



Tritanopia

92.5720, 13.2490, 7.6890

Trichromacy



Original Color

93.5150, 9.3960, 16.9480

Protanomaly

91.8120, -4.8620, 11.0260

Deuteranomaly

92.4380, -0.8730, 10.3190

Tritanomaly

93.1960, 11.5520, 10.9120

Monochromacy



Original Color

93.5150, 9.3960, 16.9480

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.9560, 3.3000, 6.2760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 93.5150, 9.3960, 16.9480 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(113, 80, 112)` looks like.

```
.text, #text, p{  
    color:rgb(113, 80, 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(113, 80, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 80, 112) }
```

Border

The CSS property to change the border of an element to YIQ 93.5150, 9.3960, 16.9480 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(113, 80, 112) }
```


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

```
.border{ border-color:rgb(113, 80, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 80, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 80, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 80, 112);  
box-shadow:4px 4px 4px 4px rgb(113, 80,  
112) }
```

Background

The CSS property to change the background color of an element to YIQ 93.5150, 9.3960, 16.9480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 80, 112) }
```

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

```
.background{ background-color: rgb(113, 80,  
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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