

Converting Colors

YIQ(96.9980, 3.4820, 13.9940)

Have a look what the booklet for
YIQ(96.9980, 3.4820, 13.9940)
contains.

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Color

**YIQ(96.9980, 3.4820,
13.9940)**

Conversions

Conversions Part 1

Format	Color
Hex	6D5775
RGB	109, 87, 117
RGB Percent	43%, 34%, 46%
CMY	0.5725, 0.6588, 0.5412
CMYK	0.07, 0.26, 0.00, 0.54
HSL	284°, 15%, 40%
HSV	284°, 26%, 46%
XYZ	12.9271, 11.3516, 18.3386
YIQ	96.9980, 3.4820, 13.9940

Conversions

Conversions Part 2

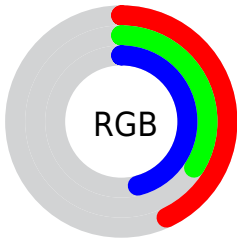
Format	Color
R_{YB}	109, 87, 117
Decimal	7165813
CIE _{Lab}	40.17, 15.04, -13.61
CIE _{LCh}	40, 20.282, 317.848
Yxy	11.3516, 0.3033, 0.2664
Android (android.graphics.Color)	4285355893 (0xFF6D5775)
YUV	96.9980, 9.8610, 10.5258
Hunter-Lab	33.6921, 9.5264, -8.6871

Details

The YIQ color **96.9980, 3.4820, 13.9940** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **107.0020, -3.4820, -13.9940**, and the grayscale version is **97.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **147.8240, 4.0320, 15.0400**, and **50.1720, 2.9320, 12.9480** is the 20% darker color. If you saturate the color by 10%, you get **89.0570, 4.9940, 19.6340**, and if you desaturate by 10%, it is **104.9390, 1.9700, 8.3540**.

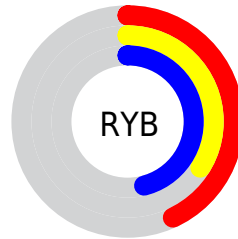
Distribution



Red (43%)

Green (34%)

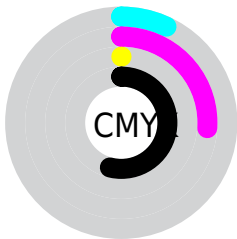
Blue (46%)



Red (43%)

Yellow (34%)

Blue (46%)

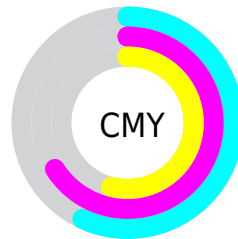


Cyan (7%)

Magenta (26%)

Yellow (0%)

Black (54%)



Cyan (57%)

Magenta (66%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 96.9980, 3.4820, 13.9940 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 96.9980, 3.4820, 13.9940 by changing the saturation by 10% instead.

■ 96.9980, 3.4820,
13.9940

■ 96.9980, 3.4820,
13.9940

■ 255.0000, -0.0000,
-0.0000

■ 73.1720, 2.9320,
12.9480

■ 147.8240, 4.0320,
15.0400

■ 50.1720, 2.9320,
12.9480

■ 174.2370, 4.3070,
15.5630

■ 29.2320, 2.7030,
11.5910

■ 201.6500, 4.5820,
16.0860

■ 9.2430, 4.1700,
12.5380

■ 229.7640, 4.2610,
16.3970

■ 0.0000, 0.0000,
0.0000

■ 250.3040, 2.2000,
4.1840

96.9980, 3.4820,
13.9940

96.9980, 3.4820,
13.9940

89.0570, 4.9940,
19.6340

104.9390, 1.9700,
8.3540

81.7030, 6.2310,
24.7510

112.2930, 0.7330,
3.2370

73.7620, 7.7430,
30.3910

120.2340, -0.7790,
-2.4030

65.8210, 9.2550,
36.0310

128.1750, -2.2910,
-8.0430

57.5810, 10.1710,
41.4590

135.8280, -2.9320,
-12.9480

50.2270, 11.4080,
46.5760

143.7690, -4.4440,
-18.5880

42.2860, 12.9200,
52.2160

151.7100, -5.9560,
-24.2280

39.0520, 13.6990,

159.6510, -7.4680,

54.6190

-29.8680

■ 167.0050, -8.7050,
-34.9850

Harmonies

Analogous

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



95.2670, -13.5730, 9.2030



96.9980, 3.4820, 13.9940



97.1260, 17.7410, 14.3890

Triad

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



96.9980, 3.4820, 13.9940



93.9730, 21.8250, -4.5670



85.7610, -36.3560, -12.9320

Complementary

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



96.9980, 3.4820, 13.9940



107.0020, -3.4820, -13.9940

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.



87.7210, -21.6840, -14.5160



96.9980, 3.4820, 13.9940



92.8250, 10.3180, -10.7860

Square

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



96.9980, 3.4820, 13.9940



95.6520, 27.4630, 3.3910



90.5180, -4.9950, -14.1070



86.2970, -40.6210, -7.2210

Rectangle

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



96.9980, 3.4820, 13.9940



96.4810, 23.9310, 12.3390



90.5180, -4.9950, -14.1070



86.3870, -32.3670, -13.6390

Sweetspot

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



96.9980, 3.4820, 13.9940



145.0590, 1.5120, 5.6400



95.1160, -11.8300, 5.1460



71.4070, 0.4120, 3.5480



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



96.9980, 3.4820, 13.9940



121.5240, 5.1770, 21.8250



98.5920, 10.4970, 13.5130



54.8800, 0.4580, 2.7140



40.8180, 14.4780, 57.0220



83.2170, 28.8180, 116.5460

Inverse Universe

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



96.8820, 15.3120, 8.8480



121.4210, 24.1600, 13.6960



105.4080, -10.4970, -13.5130



54.9080, 3.2550, 1.5830



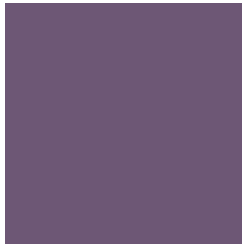
40.2400, 62.1190, 36.1270



82.2740, 127.8140, 73.5260

Previews

White Background



This preview shows how the YIQ color 96.9980, 3.4820, 13.9940 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 96.9980, 3.4820, 13.9940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

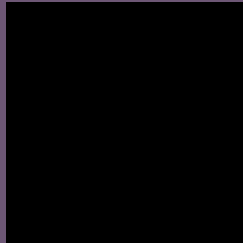
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 96.9980, 3.4820, 13.9940

Background



This preview shows how black text looks on a background with the YIQ color 96.9980, 3.4820, 13.9940.



This preview shows how white text looks on a background with the YIQ color 96.9980, 3.4820,

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

96.9980, 3.4820, 13.9940

Protanopia

95.3980, -12.5640, 7.4360

Deuteranopia

95.6220, -7.3830, 7.1530



Tritanopia

96.2830, 6.6930, 5.3570

Trichromacy



Original Color

96.9980, 3.4820, 13.9940

Protanomaly

95.8010, -6.3290, 10.0790

Deuteranomaly

96.2420, -3.2570, 9.4710

Tritanomaly

96.7930, 5.3170, 8.2690

Monochromacy



Original Color

96.9980, 3.4820, 13.9940

Achromatopsia

97.0000, -0.0000, 0.0000

Achromatomaly

96.6460, 1.2370, 5.1170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 96.9980, 3.4820, 13.9940 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(109, 87, 117)` looks like.

```
.text, #text, p{  
    color:rgb(109, 87, 117)  
}
```

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(109, 87, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 87, 117) }
```

Border

The CSS property to change the border of an element to YIQ 96.9980, 3.4820, 13.9940 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(109, 87, 117) }
```


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

```
.border{ border-color:rgb(109, 87, 117) }
```

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

Here you see how a box with a 4 pixel rgb(109, 87, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 87, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 87, 117);  
box-shadow:4px 4px 4px 4px rgb(109, 87,  
117) }
```

Background

The CSS property to change the background color of an element to YIQ 96.9980, 3.4820, 13.9940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 87, 117) }
```

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

```
.background{ background-color: rgb(109, 87,  
117) }
```

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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