

Converting Colors

YIQ(107.3980, -3.3960, 17.5000)

Have a look what the booklet for
YIQ(107.3980, -3.3960, 17.5000)
contains.

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Color

**YIQ(107.3980, -3.3960,
17.5000)**

Conversions

Conversions Part 1

Format	Color
Hex	73618D
RGB	115, 97, 141
RGB Percent	45%, 38%, 55%
CMY	0.5489, 0.6196, 0.4471
CMYK	0.18, 0.31, 0.00, 0.45
HSL	265°, 18%, 47%
HSV	265°, 31%, 55%
XYZ	16.1534, 14.1168, 27.0680
YIQ	107.3980, -3.3960, 17.5000

Conversions

Conversions Part 2

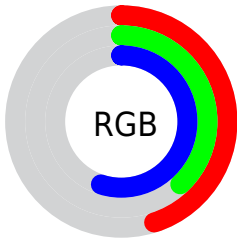
Format	Color
R _{YB}	115, 97, 141
Decimal	7561613
CIE Lab	44.40, 16.61, -21.62
CIE LCh	44, 27.264, 307.540
Yxy	14.1168, 0.2817, 0.2462
Android (android.graphics.Color)	4285751693 (0xFF73618D)
YUV	107.3980, 16.5658, 6.6670
Hunter-Lab	37.5723, 10.9907, -16.4133

Details

The YIQ color $107.3980, -3.3960, 17.5000$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $130.6020, 3.3960, -17.5000$, and the grayscale version is $107.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $159.3380, -3.1670, 18.8570$, and $59.4580, -3.6250, 16.1430$ is the 20% darker color. If you saturate the color by 10%, you get $96.7880, -4.3140, 23.1260$, and if you desaturate by 10%, it is $118.0080, -2.4780, 11.8740$.

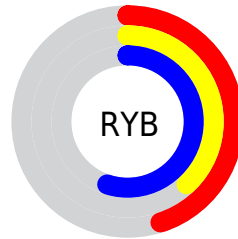
Distribution



Red (45%)

Green (38%)

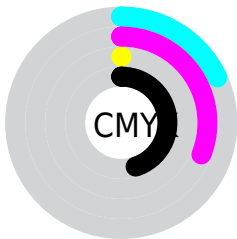
Blue (55%)



Red (45%)

Yellow (38%)

Blue (55%)

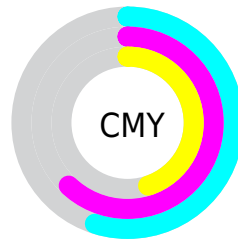


Cyan (18%)

Magenta (31%)

Yellow (0%)

Black (45%)



Cyan (55%)

Magenta (62%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 107.3980, -3.3960, 17.5000 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 107.3980, -3.3960, 17.5000 by changing the saturation by 10% instead.

■ 107.3980, -3.3960,
17.5000

■ 107.3980, -3.3960,
17.5000

■ 255.0000, -0.0000,
-0.0000

■ 82.8710, -3.3500,
16.6660

■ 159.3380, -3.1670,
18.8570

■ 59.4580, -3.6250,
16.1430

■ 185.8650, -3.2130,
19.6910

■ 37.5180, -3.8540,
14.7860

■ 213.8650, -3.2130,
19.6910

■ 15.2300, -2.9830,
15.5210

■ 239.4280, 5.0870,
12.4390

■ 3.2090, -7.6580,
6.6300

■ 0.0000, 0.0000,
0.0000

■ 107.3980, -3.3960,
17.5000

■ 107.3980, -3.3960,
17.5000

■ 96.7880, -4.3140,
23.1260

■ 118.0080, -2.4780,
11.8740

■ 85.8790, -5.8280,
28.5400

■ 128.9170, -0.9640,
6.4600

■ 75.2690, -6.7460,
34.1660

■ 139.5270, -0.0460,
0.8340

■ 64.6590, -7.6640,
39.7920

■ 150.1370, 0.8720,
-4.7920

■ 53.7500, -9.1780,
45.2060

■ 161.0460, 2.3860,
-10.2060

■ 42.5530, -9.8210,
51.3550

■ 172.2430, 3.0290,
-16.3550

■ 33.4160, -10.6930,
56.1470

■ 182.8530, 3.9470,
-21.9810

■ 193.7620, 5.4610,

-27.3950

 204.3720, 6.3790,
-33.0210

Harmonies

Analogous

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



102.9540, -28.7490, 8.9070



107.3980, -3.3960, 17.5000



108.1140, 18.0150, 20.4390

Triad

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



107.3980, -3.3960, 17.5000



104.7740, 32.6910, -3.2530



89.2920, -51.3930, -21.2570

Complementary

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



107.3980, -3.3960, 17.5000



130.6020, 3.3960, -17.5000

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.



96.5480, -22.8750, -20.4670



107.3980, -3.3960, 17.5000



102.4470, 20.1300, -12.3980

Square

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



107.3980, -3.3960, 17.5000



106.2620, 37.5490, 7.8290



100.4060, 1.0120, -18.3480



83.1400, -74.2720, -19.6160

Rectangle

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



107.3980, -3.3960, 17.5000



107.3340, 29.0190, 19.2510



100.4060, 1.0120, -18.3480



92.2670, -41.0770, -20.9890

Sweetspot

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



107.3980, -3.3960, 17.5000



171.0310, -1.2850, 6.7710



117.2780, -21.2740, 0.0860



84.3360, -0.8260, 3.9580



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.



107.3980, -3.3960, 17.5000



132.1240, -5.1400, 27.0840



113.9760, 9.7160, 22.1640



65.6950, -0.4590, 2.8130



31.8350, -10.5550, 53.6450



1.8090, -0.7800, 3.1240

Inverse Universe

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



113.1200, 17.8780, 17.4140



140.8920, 27.6880, 26.8560



124.0240, -9.7160, -22.1640



66.5490, 2.8880, 2.7280



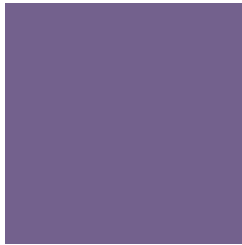
49.4850, 54.7800, 53.5000



2.9620, 3.1630, 3.2510

Previews

White Background



This preview shows how the YIQ color 107.3980, -3.3960, 17.5000 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 107.3980, -3.3960, 17.5000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

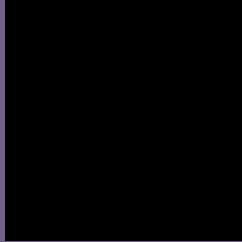
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 107.3980, -3.3960, 17.5000

Background



This preview shows how black text looks on a background with the YIQ color 107.3980, -3.3960, 17.5000.



This preview shows how white text looks on a background with the YIQ color 107.3980, -3.3960,

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

107.3980, -3.3960, 17.5000

Protanopia

105.2000, -20.6340, 10.5180

Deuteranopia

105.1250, -16.0490, 10.0230



Tritanopia

106.0050, 1.6040, 3.9720

Trichromacy



Original Color

107.3980, -3.3960, 17.5000

Protanomaly

105.6030, -14.3990, 13.1610

Deuteranomaly

106.0440, -11.3270, 12.5530

Tritanomaly

106.6830, -0.1850, 8.8630

Monochromacy



Original Color

107.3980, -3.3960, 17.5000

Achromatopsia

107.0000, -0.0000, 0.0000

Achromatomaly

106.9170, -0.9640, 6.4600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 107.3980, -3.3960, 17.5000 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(115, 97, 141)` looks like.

```
.text, #text, p{  
    color:rgb(115, 97, 141)  
}
```

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(115, 97, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 97, 141) }
```

Border

The CSS property to change the border of an element to YIQ 107.3980, -3.3960, 17.5000 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(115, 97, 141) }
```


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

```
.border{ border-color:rgb(115, 97, 141) }
```

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

Here you see how a box with a 4 pixel rgb(115, 97, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 97, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 97, 141);  
box-shadow:4px 4px 4px 4px rgb(115, 97,  
141) }
```

Background

The CSS property to change the background color of an element to YIQ 107.3980, -3.3960, 17.5000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 97, 141) }
```

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

```
.background{ background-color: rgb(115, 97,  
141) }
```

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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