

Converting Colors

YIQ(106.9280, 9.6710, 17.4710)

Have a look what the booklet for
YIQ(106.9280, 9.6710, 17.4710)
contains.

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Color

**YIQ(106.9280, 9.6710,
17.4710)**

Conversions

Conversions Part 1

Format	Color
Hex	7F5D7E
RGB	127, 93, 126
RGB Percent	50%, 36%, 49%
CMY	0.5019, 0.6353, 0.5059
CMYK	0.00, 0.27, 0.01, 0.50
HSL	302°, 15%, 43%
HSV	302°, 27%, 50%
XYZ	16.4355, 13.8467, 21.5462
YIQ	106.9280, 9.6710, 17.4710

Conversions

Conversions Part 2

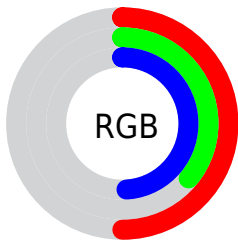
Format	Color
R_{YB}	127, 93, 126
Decimal	8347006
CIE _{Lab}	44.01, 19.89, -13.08
CIE _{LCh}	44, 23.801, 326.670
Yxy	13.8467, 0.3171, 0.2672
Android (android.graphics.Color)	4286537086 (0xFF7F5D7E)
YUV	106.9280, 9.4025, 17.6031
Hunter-Lab	37.2111, 13.7207, -8.2827

Details

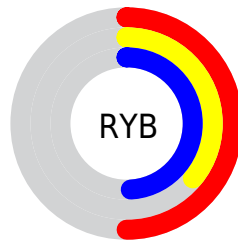
The YIQ color $106.9280, 9.6710, 17.4710$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $113.0720, -9.6710, -17.4710$, and the grayscale version is $107.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $158.7540, 10.2210, 18.5170$, and $58.8030, 8.5250, 16.2130$ is the 20% darker color. If you saturate the color by 10%, you get $99.2970, 13.2460, 24.2700$, and if you desaturate by 10%, it is $114.5590, 6.0960, 10.6720$.

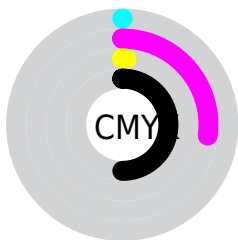
Distribution



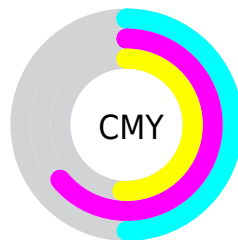
- Red (50%)
- Green (36%)
- Blue (49%)



- Red (50%)
- Yellow (36%)
- Blue (49%)



- Cyan (0%)
- Magenta (27%)
- Yellow (1%)
- Black (50%)



- Cyan (50%)
- Magenta (64%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 106.9280, 9.6710, 17.4710 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 106.9280, 9.6710, 17.4710 by changing the saturation by 10% instead.

■ 106.9280, 9.6710,
17.4710

■ 106.9280, 9.6710,
17.4710

■ 255.0000, -0.0000,
-0.0000

■ 82.5150, 9.3960,
16.9480

■ 158.7540, 10.2210,
18.5170

■ 58.8030, 8.5250,
16.2130

■ 185.4660, 11.0920,
19.2520

■ 36.9770, 7.9750,
15.1670

■ 213.4660, 11.0920,
19.2520

■ 13.6290, 9.0750,
17.2590

■ 237.9770, 7.9750,
15.1670

■ 0.7980, -2.2470,
2.1770

■ 254.4130, 0.2750,
0.5230

■ 0.0000, 0.0000,
0.0000

106.9280, 9.6710,
17.4710

106.9280, 9.6710,
17.4710

99.2970, 13.2460,
24.2700

114.5590, 6.0960,
10.6720

92.1390, 16.8670,
30.2350

121.7170, 2.4750,
4.7070

84.5080, 20.4420,
37.0340

129.3480, -1.1000,
-2.0920

76.7630, 24.3380,
43.5220

137.0930, -4.9960,
-8.5800

69.1320, 27.9130,
50.3210

144.7240, -8.5710,
-15.3790

62.0880, 31.2130,
56.5970

151.7680,
-11.8710, -21.6550

54.3430, 35.1090,
63.0850


159.5130,
-15.7670, -28.1430

51.9950, 36.2090,

167.1440,

65.1770

-19.3420, -34.9420

 174.1880,
-22.6420, -41.2180

Harmonies

Analogous

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



105.3430, -10.7310, 12.7650



106.9280, 9.6710, 17.4710



106.3010, 24.6180, 16.4100

Triad

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



106.9280, 9.6710, 17.4710



103.0500, 22.9260, -8.0020



90.8780, -49.9270, -14.7830

Complementary

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



106.9280, 9.6710, 17.4710



113.0720, -9.6710, -17.4710

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.



94.5670, -33.0540, -17.7100



106.9280, 9.6710, 17.4710



100.7490, 7.4760, -14.3480

Square

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



106.9280, 9.6710, 17.4710



104.3380, 31.2230, 1.3270



98.4030, -12.1010, -17.4850



94.4040, -48.2320, -6.9520

Rectangle

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



106.9280, 9.6710, 17.4710



105.7160, 30.5790, 13.0030



98.4030, -12.1010, -17.4850



91.9770, -45.8920, -16.3240

Sweetspot

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



106.9280, 9.6710, 17.4710



157.6680, 4.1710, 7.0110



97.1750, -10.3180, 10.7860



79.3040, 2.2000, 4.1840



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



106.9280, 9.6710, 17.4710



134.6610, 15.2170, 27.0970



104.9900, 15.1280, 12.1840



59.8910, 1.9250, 3.6610



52.4080, 36.4840, 65.7000



0.0000, 0.0000, 0.0000

Inverse Universe

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



106.9280, 9.6710, 17.4710



134.6610, 15.2170, 27.0970



115.0100, -15.1280, -12.1840



59.8910, 1.9250, 3.6610



52.4080, 36.4840, 65.7000



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 106.9280, 9.6710, 17.4710 looks on a white background.

Color Contrast Check

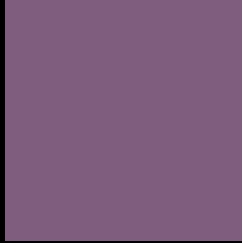
Large Text (above 18pt) WCAG AA ✓ Pass

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 106.9280, 9.6710, 17.4710 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 106.9280, 9.6710, 17.4710

Background



This preview shows how black text looks on a background with the YIQ color 106.9280, 9.6710, 17.4710.



This preview shows how white text looks on a background with the YIQ color 106.9280, 9.6710,

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

106.9280, 9.6710, 17.4710

Protanopia

104.6260, -13.2060, 8.0580

Deuteranopia

105.4050, -5.2740, 7.4780



Tritanopia

105.9850, 13.5240, 8.2120

Trichromacy



Original Color

106.9280, 9.6710, 17.4710

Protanomaly

105.2250, -4.5870, 11.5490

Deuteranomaly

106.1500, -0.0020, 11.0540

Tritanomaly

106.6090, 11.8270, 11.4350

Monochromacy



Original Color

106.9280, 9.6710, 17.4710

Achromatopsia

107.0000, -0.0000, 0.0000

Achromatomaly

106.9560, 3.3000, 6.2760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 106.9280, 9.6710, 17.4710 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(127, 93, 126)` looks like.

```
.text, #text, p{  
    color:rgb(127, 93, 126)  
}
```

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(127, 93, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 93, 126) }
```

Border

The CSS property to change the border of an element to YIQ 106.9280, 9.6710, 17.4710 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(127, 93, 126) }
```


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

```
.border{ border-color:rgb(127, 93, 126) }
```

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

Here you see how a box with a 4 pixel rgb(127, 93, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 93, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 93, 126);  
box-shadow:4px 4px 4px 4px rgb(127, 93,  
126) }
```

Background

The CSS property to change the background color of an element to YIQ 106.9280, 9.6710, 17.4710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 93, 126) }
```

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

```
.background{ background-color: rgb(127, 93,  
126) }
```

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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