

Converting Colors

YIQ(113.6180, 16.7760, 26.3760)

Have a look what the booklet for
YIQ(113.6180, 16.7760, 26.3760)
contains.

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Color

**YIQ(113.6180, 16.7760,
26.3760)**

Conversions

Conversions Part 1

Format	Color
Hex	925C8C
RGB	146, 92, 140
RGB Percent	57%, 36%, 55%
CMY	0.4273, 0.6393, 0.4509
CMYK	0.00, 0.37, 0.04, 0.43
HSL	307°, 23%, 47%
HSV	307°, 37%, 57%
XYZ	20.4206, 15.6587, 26.7600
YIQ	113.6180, 16.7760, 26.3760

Conversions

Conversions Part 2

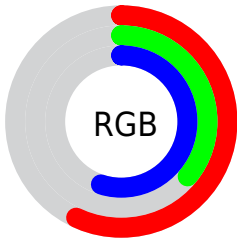
Format	Color
R_{YB}	146, 92, 140
Decimal	9591948
CIE _{Lab}	46.52, 29.97, -17.48
CIE _{LCh}	47, 34.692, 329.748
Yxy	15.6587, 0.3250, 0.2492
Android (android.graphics.Color)	4287782028 (0xFF925C8C)
YUV	113.6180, 13.0063, 28.3990
Hunter-Lab	39.5711, 22.8651, -12.3951

Details

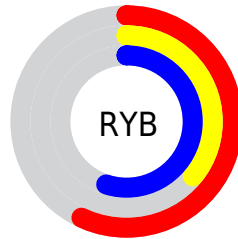
The YIQ color **113.6180, 16.7760, 26.3760** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **124.3820, -16.7760, -26.3760**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **166.1560, 18.1970, 28.1570**, and **64.1940, 15.0340, 24.9060** is the 20% darker color. If you saturate the color by 10%, you get **104.5850, 21.5430, 33.5990**, and if you desaturate by 10%, it is **122.6510, 12.0090, 19.1530**.

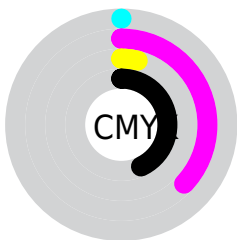
Distribution



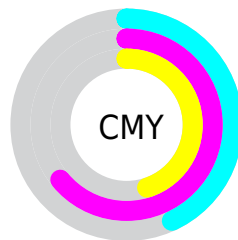
- Red (57%)
- Green (36%)
- Blue (55%)



- Red (57%)
- Yellow (36%)
- Blue (55%)



- Cyan (0%)
- Magenta (37%)
- Yellow (4%)
- Black (43%)



- Cyan (43%)
- Magenta (64%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 113.6180, 16.7760, 26.3760 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 113.6180, 16.7760, 26.3760 by changing the saturation by 10% instead.

■ 113.6180, 16.7760,
26.3760

■ 113.6180, 16.7760,
26.3760

■ 255.0000, -0.0000,
-0.0000

■ 88.7920, 16.2260,
25.3300

■ 166.1560, 18.1970,
28.1570

■ 64.1940, 15.0340,
24.9060

■ 193.5690, 18.4720,
28.6800

■ 40.7810, 14.7590,
24.3830

■ 220.9710, 17.2800,
28.2560

■ 18.7700, 13.2920,
23.4360

■ 237.9770, 7.9750,
15.1670

■ 9.2000, 5.7290,
11.8170

■ 0.0000, 0.0000,
0.0000

■ 113.6180, 16.7760,
26.3760

■ 113.6180, 16.7760,
26.3760

■ 104.5850, 21.5430,
33.5990

■ 122.6510, 12.0090,
19.1530

■ 96.2530, 25.7140,
40.6100

■ 130.9830, 7.8380,
12.1420

■ 87.2200, 30.4810,
47.8330

■ 140.0160, 3.0710,
4.9190

■ 78.7740, 34.9730,
54.5330

■ 148.4620, -1.4210,
-1.7810

■ 69.8550, 39.4190,
62.0670

■ 157.3810, -5.8670,
-9.3150

■ 60.8220, 44.1860,
69.2900


■ 166.4140,
-10.6340, -16.5380

■ 58.4740, 45.2860,
71.3820

■ 174.7460,
-14.8050, -23.5490

■ 183.7790,

-19.5720, -30.7720

 192.2250,
-24.0640, -37.4720

Harmonies

Analogous

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



112.3030, -13.2540, 19.9460



113.6180, 16.7760, 26.3760



111.9870, 37.5460, 24.4100

Triad

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



113.6180, 16.7760, 26.3760



108.0690, 29.9420, -14.0100



89.1070, -78.6730, -22.4570

Complementary

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



113.6180, 16.7760, 26.3760



124.3820, -16.7760, -26.3760

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.



85.8010, -69.3640, -31.4760



113.6180, 16.7760, 26.3760



104.5930, 7.6150, -22.3770

Square

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



113.6180, 16.7760, 26.3760



109.5150, 43.7860, -0.5820



99.8590, -22.5530, -26.3050



89.2670, -84.6350, -13.5230

Rectangle

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



113.6180, 16.7760, 26.3760



111.1910, 45.4790, 18.3030



99.8590, -22.5530, -26.3050



88.0810, -75.7840, -25.2560

Sweetspot

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



113.6180, 16.7760, 26.3760



176.3310, 6.7380, 10.0500



99.6510, -14.3540, 17.8540



86.8420, 3.6210, 5.9650



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



113.6180, 16.7760, 26.3760



139.1390, 26.0350, 40.2990



110.6540, 25.1220, 18.2900



69.7770, 2.2460, 3.3500



55.1700, 43.0860, 67.1980



4.0160, 3.0710, 4.9190

Inverse Universe

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



113.6180, 16.7760, 26.3760



139.1390, 26.0350, 40.2990



127.3460, -25.1220, -18.2900



69.7770, 2.2460, 3.3500



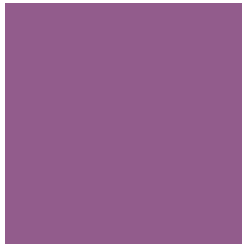
55.1700, 43.0860, 67.1980



4.0160, 3.0710, 4.9190

Previews

White Background



This preview shows how the YIQ color 113.6180, 16.7760, 26.3760 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 113.6180, 16.7760, 26.3760 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 113.6180, 16.7760, 26.3760

Background



This preview shows how black text looks on a background with the YIQ color 113.6180, 16.7760, 26.3760.



This preview shows how white text looks on a background with the YIQ color 113.6180, 16.7760,

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

113.6180, 16.7760, 26.3760

Protanopia

110.7270, -20.6800, 11.3520

Deuteranopia

111.3060, -9.3090, 9.0190



Tritanopia

112.6550, 23.3810, 11.2930

Trichromacy



Original Color

113.6180, 16.7760, 26.3760

Protanomaly

111.7180, -7.2930, 16.5390

Deuteranomaly

112.0840, 0.3640, 15.4360

Tritanomaly

112.5610, 20.9500, 16.8060

Monochromacy



Original Color

113.6180, 16.7760, 26.3760

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.9180, 6.4630, 9.5270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.6180, 16.7760, 26.3760 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(146, 92, 140)` looks like.

```
.text, #text, p{  
    color:rgb(146, 92, 140)  
}
```

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(146, 92, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 92, 140) }
```

Border

The CSS property to change the border of an element to YIQ 113.6180, 16.7760, 26.3760 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(146, 92, 140) }
```


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

```
.border{ border-color:rgb(146, 92, 140) }
```

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

Here you see how a box with a 4 pixel rgb(146, 92, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 92, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 92, 140);  
box-shadow:4px 4px 4px 4px rgb(146, 92,  
140) }
```

Background

The CSS property to change the background color of an element to YIQ 113.6180, 16.7760, 26.3760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 92, 140) }
```

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

```
.background{ background-color: rgb(146, 92,  
140) }
```

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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