

Converting Colors

YIQ(90.1340, 6.0950, 16.1990)

Have a look what the booklet for
YIQ(90.1340, 6.0950, 16.1990)
contains.

YIQ(90.1340, 6.0950, 16.1990)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(90.1340, 6.0950,
16.1990)**

Conversions

Conversions Part 1

Format	Color
Hex	6A4E6F
RGB	106, 78, 111
RGB Percent	42%, 31%, 44%
CMY	0.5842, 0.6942, 0.5647
CMYK	0.04, 0.30, 0.00, 0.56
HSL	291°, 17%, 37%
HSV	291°, 30%, 44%
XYZ	11.5393, 9.6603, 16.2953
YIQ	90.1340, 6.0950, 16.1990

Conversions

Conversions Part 2

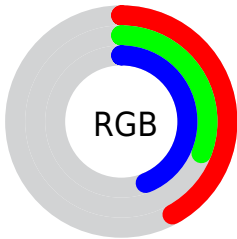
Format	Color
RYB	106, 78, 111
Decimal	6966895
CIELab	37.23, 18.16, -14.42
CIElCh	37, 23.186, 321.554
Yxy	9.6603, 0.3078, 0.2576
Android (android.graphics.Color)	4285156975 (0xFF6A4E6F)
YUV	90.1340, 10.2869, 13.9145
Hunter-Lab	31.0811, 11.8787, -9.3279

Details

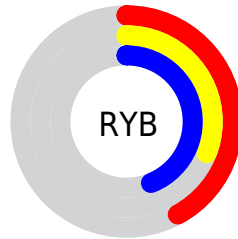
The YIQ color **90.1340, 6.0950, 16.1990** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **98.8660, -6.0950, -16.1990**, and the grayscale version is **90.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **140.3730, 6.9200, 17.7680**, and **43.8950, 5.2700, 14.6300** is the 20% darker color. If you saturate the color by 10%, you get **83.0790, 7.9280, 21.5280**, and if you desaturate by 10%, it is **97.1890, 4.2620, 10.8700**.

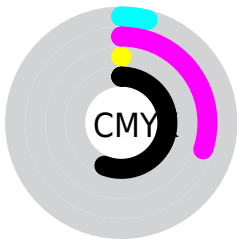
Distribution



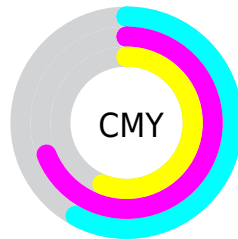
- Red (42%)
- Green (31%)
- Blue (44%)



- Red (42%)
- Yellow (31%)
- Blue (44%)



- Cyan (4%)
- Magenta (30%)
- Yellow (0%)
- Black (56%)



- Cyan (58%)
- Magenta (69%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 90.1340, 6.0950, 16.1990 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 90.1340, 6.0950, 16.1990 by changing the saturation by 10% instead.

■ 90.1340, 6.0950,
16.1990

■ 90.1340, 6.0950,
16.1990

■ 255.0000, -0.0000,
-0.0000

■ 66.7210, 5.8200,
15.6760

■ 140.3730, 6.9200,
17.7680

■ 43.8950, 5.2700,
14.6300

■ 166.7860, 7.1950,
18.2910

■ 22.4820, 4.9950,
14.1070

■ 194.1990, 7.4700,
18.8140

■ 3.7750, -3.4400,
7.2800

■ 222.1990, 7.4700,
18.8140

■ 0.0000, 0.0000,
0.0000

■ 243.8470, 5.2250,
9.9370

90.1340, 6.0950,
16.1990

90.1340, 6.0950,
16.1990

83.0790, 7.9280,
21.5280

97.1890, 4.2620,
10.8700

76.3230, 10.3570,
27.0690

103.9450, 1.8330,
5.3290

69.2680, 12.1900,
32.3980

111.0000, -0.0000,
0.0000

62.2130, 14.0230,
37.7270

118.0550, -1.8330,
-5.3290

54.8700, 16.7270,
43.7910

124.8110, -4.2620,
-10.8700

47.8150, 18.5600,
49.1200


132.4530, -6.3700,
-16.7220

40.7600, 20.3930,
54.4490

139.5080, -8.2030,
-22.0510

146.2640,

-10.6320, -27.5920

 153.3190,
-12.4650, -32.9210

Harmonies

Analogous

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



88.3210, -13.6650, 10.8710



90.1340, 6.0950, 16.1990



90.0340, 20.9960, 15.9720

Triad

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



90.1340, 6.0950, 16.1990



87.1040, 22.8340, -6.3340



72.6390, -50.7520, -16.3520

Complementary

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



90.1340, 6.0950, 16.1990



98.8660, -6.0950, -16.1990

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.



78.1330, -28.8360, -17.0600



90.1340, 6.0950, 16.1990



85.0590, 9.5390, -13.1890

Square

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



90.1340, 6.0950, 16.1990



87.7940, 29.9390, 2.5710



82.4960, -7.9290, -16.0010



74.3710, -52.6330, -9.7930

Rectangle

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



90.1340, 6.0950, 16.1990



89.1610, 27.8280, 13.3000



82.4960, -7.9290, -16.0010



75.1190, -43.4160, -17.1440

Sweetspot

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



90.1340, 6.0950, 16.1990



136.7710, 2.3830, 6.3750



84.6970, -11.9680, 7.6480



69.0050, 1.6040, 3.9720



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.



90.1340, 6.0950, 16.1990



112.0840, 9.5320, 25.5000



90.3750, 12.6060, 13.8380



52.1790, 1.0540, 2.9260



44.1780, 22.2720, 58.9440



90.9480, 45.8730, 121.3370

Inverse Universe

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



88.4370, 18.0630, 8.5510



109.4600, 28.4240, 13.5120



98.6250, -12.6060, -13.8380



51.9080, 3.2550, 1.5830



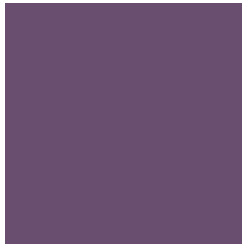
37.9320, 65.7420, 31.0380



78.0710, 135.3350, 63.8710

Previews

White Background



This preview shows how the YIQ color 90.1340, 6.0950, 16.1990 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 ✓ Pass

Black Background



This preview shows how the YIQ color 90.1340, 6.0950, 16.1990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

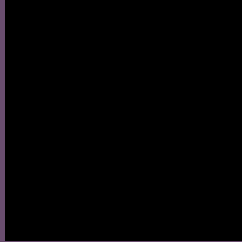
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 90.1340, 6.0950, 16.1990

Background



This preview shows how black text looks on a background with the YIQ color 90.1340, 6.0950, 16.1990.

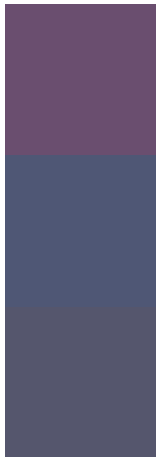


This preview shows how white text looks on a background with the YIQ color 90.1340, 6.0950,

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

90.1340, 6.0950, 16.1990

Protanopia

88.0280, -14.3980, 7.6340

Deuteranopia

88.3230, -7.9790, 6.9410



Tritanopia

89.0770, 10.2690, 6.6290

Trichromacy



Original Color

90.1340, 6.0950, 16.1990

Protanomaly

89.0290, -6.9710, 10.7010

Deuteranomaly

89.0680, -2.7070, 10.5170

Tritanomaly

89.7010, 8.5720, 9.8520

Monochromacy



Original Color

90.1340, 6.0950, 16.1990

Achromatopsia

90.0000, -0.0000, -0.0000

Achromatomaly

90.3580, 2.1080, 5.8520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 90.1340, 6.0950, 16.1990 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(106, 78, 111)` looks like.

```
.text, #text, p{  
    color:rgb(106, 78, 111)  
}
```

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(106, 78, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 78, 111) }
```

Border

The CSS property to change the border of an element to YIQ 90.1340, 6.0950, 16.1990 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(106, 78, 111) }
```


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

```
.border{ border-color:rgb(106, 78, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 78, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 78, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 78, 111);  
box-shadow:4px 4px 4px 4px rgb(106, 78,  
111) }
```

Background

The CSS property to change the background color of an element to YIQ 90.1340, 6.0950, 16.1990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 78, 111) }
```

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

```
.background{ background-color: rgb(106, 78,  
111) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor