

Converting Colors

YIQ(140.4570, 7.2840, 33.2040)

Have a look what the booklet for
YIQ(140.4570, 7.2840, 33.2040)
contains.

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Color

**YIQ(140.4570, 7.2840,
33.2040)**

Conversions

Conversions Part 1

Format	Color
Hex	A875BD
RGB	168, 117, 189
RGB Percent	66%, 46%, 74%
CMY	0.3410, 0.5412, 0.2588
CMYK	0.11, 0.38, 0.00, 0.26
HSL	283°, 35%, 60%
HSV	283°, 38%, 74%
XYZ	31.7009, 24.7209, 51.2410
YIQ	140.4570, 7.2840, 33.2040

Conversions

Conversions Part 2

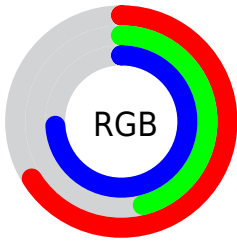
Format	Color
R _Y B	168, 117, 189
Decimal	11040189
CIE Lab	56.80, 32.94, -30.04
CIE LCh	57, 44.587, 317.635
Yxy	24.7209, 0.2944, 0.2296
Android (android.graphics.Color)	4289230269 (0xFFA875BD)
YUV	140.4570, 23.9317, 24.1552
Hunter-Lab	49.7202, 26.7987, -26.2995

Details

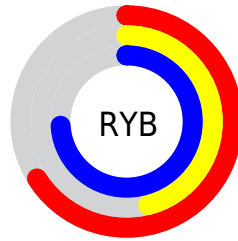
The YIQ color **140.4570, 7.2840, 33.2040** is a light color, and the websafe version is hex **996699**. A complement of this color would be **165.5430, -7.2840, -33.2040**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.8100, 7.7880, 35.0840**, and **89.1040, 6.7800, 31.3240** is the 20% darker color. If you saturate the color by 10%, you get **127.8090, 9.5290, 42.0810**, and if you desaturate by 10%, it is **153.4040, 5.6350, 24.5390**.

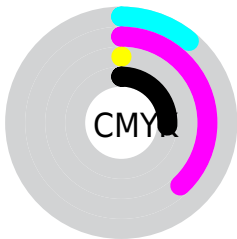
Distribution



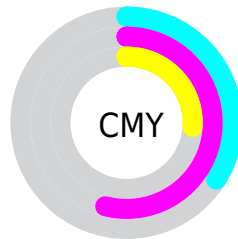
- Red (66%)
- Green (46%)
- Blue (74%)



- Red (66%)
- Yellow (46%)
- Blue (74%)



- Cyan (11%)
- Magenta (38%)
- Yellow (0%)
- Black (26%)



- Cyan (34%)
- Magenta (54%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 140.4570, 7.2840, 33.2040 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 140.4570, 7.2840, 33.2040 by changing the saturation by 10% instead.

140.4570, 7.2840,
33.2040

140.4570, 7.2840,
33.2040

255.0000, -0.0000,
-0.0000

114.6310, 6.7340,
32.1580

194.8100, 7.7880,
35.0840

89.1040, 6.7800,
31.3240

220.3560, 14.7580,
29.9100

64.9790, 5.6340,
30.0660

237.9770, 7.9750,
15.1670

40.5660, 5.3590,
29.5430

19.0280, 3.9380,
27.7620

9.5290, -2.3870,
15.7330

2.4110, -5.4110,

4.4530

■ 0.0000, 0.0000,
0.0000

■ 140.4570, 7.2840,
33.2040

■ 140.4570, 7.2840,
33.2040

■ 127.8090, 9.5290,
42.0810

■ 153.4040, 5.6350,
24.5390

■ 114.8620, 11.1780,
50.7460

■ 166.0520, 3.3900,
15.6620

■ 102.2140, 13.4230,
59.6230

■ 178.9990, 1.7410,
6.9970

■ 89.2670, 15.0720,
68.2880

■ 191.6470, -0.5040,
-1.8800

■ 76.6190, 17.3170,
77.1650

■ 204.0070, -1.8780,
-10.0220

■ 64.2590, 18.6910,
85.3070

■ 216.6550, -4.1230,
-18.8990

■ 61.6120, 19.1950,
87.1870

■ 229.6020, -5.7720,
-27.5640

■ 234.6190, -4.4420,
-29.6420

■ 236.4130, -0.8660,
-28.3700

Harmonies

Analogous

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



134.9120, -36.9580, 20.0180



140.4570, 7.2840, 33.2040



138.9910, 40.8910, 35.3790

Triad

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



140.4570, 7.2840, 33.2040



134.1760, 48.6940, -12.4420



109.6980, -93.9390, -32.1390

Complementary

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



140.4570, 7.2840, 33.2040



165.5430, -7.2840, -33.2040

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.



105.0350, -79.3110, -43.9430



140.4570, 7.2840, 33.2040



130.4560, 23.9380, -26.3500

Square

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



140.4570, 7.2840, 33.2040



135.2400, 60.9780, 7.2340



124.9060, -12.7400, -33.4440



111.8130, -104.0280, -19.9960

Rectangle

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



140.4570, 7.2840, 33.2040



137.5440, 55.1510, 30.2470



124.9060, -12.7400, -33.4440



108.1020, -89.4450, -36.4930

Sweetspot

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



140.4570, 7.2840, 33.2040



226.7590, 2.6570, 12.4250



138.1220, -29.1620, 10.8860



111.4120, 2.0160, 7.5200



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



140.4570, 7.2840, 33.2040



168.8020, 11.4070, 52.1030



145.1400, 24.2940, 33.3020



88.1190, 1.2830, 4.2830



51.5000, 16.0340, 72.8820



10.1120, 3.1610, 14.3050

Inverse Universe

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



140.9220, 36.1710, 21.7950



169.5490, 56.7550, 34.2190



160.8600, -24.2940, -33.3020



88.0330, 4.4010, 2.8410



52.4860, 79.4020, 47.8020



10.2950, 15.5870, 9.3710

Previews

White Background



This preview shows how the YIQ color 140.4570, 7.2840, 33.2040 looks on a white background.

Color Contrast Check

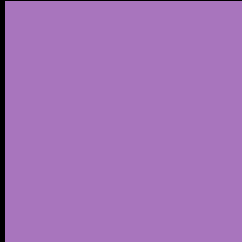
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 140.4570, 7.2840, 33.2040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

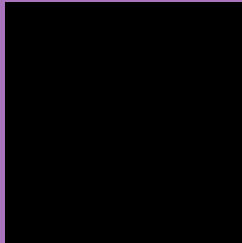
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 140.4570, 7.2840, 33.2040

Background



This preview shows how black text looks on a background with the YIQ color 140.4570, 7.2840, 33.2040.



This preview shows how white text looks on a background with the YIQ color 140.4570, 7.2840,

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

140.4570, 7.2840, 33.2040

Protanopia

135.5870, -34.6650, 17.0070

Deuteranopia

136.9270, -24.1190, 13.1050



Tritanopia

138.7080, 15.8620, 9.8940

Trichromacy



Original Color

140.4570, 7.2840, 33.2040

Protanomaly

137.4750, -19.4900, 22.8300

Deuteranomaly

138.0150, -12.3830, 20.6810

Tritanomaly

139.4230, 12.6510, 18.5310

Monochromacy



Original Color

140.4570, 7.2840, 33.2040

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

140.3460, 2.3820, 11.9020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.4570, 7.2840, 33.2040 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(168, 117, 189)` looks like.

```
.text, #text, p{  
    color:rgb(168, 117, 189)  
}
```

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(168, 117, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 117, 189) }
```

Border

The CSS property to change the border of an element to YIQ 140.4570, 7.2840, 33.2040 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(168, 117, 189) }
```


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

```
.border{ border-color:rgb(168, 117, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 117, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 117, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 117, 189);  
box-shadow:4px 4px 4px 4px rgb(168, 117,  
189) }
```

Background

The CSS property to change the background color of an element to YIQ 140.4570, 7.2840, 33.2040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 117, 189) }
```

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

```
.background{ background-color: rgb(168,  
117, 189) }
```

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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