

Converting Colors

YIQ(138.4570, 7.2840, 33.2040)

Have a look what the booklet for
YIQ(138.4570, 7.2840, 33.2040)
contains.

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Color

**YIQ(138.4570, 7.2840,
33.2040)**

Conversions

Conversions Part 1

Format	Color
Hex	A673BB
RGB	166, 115, 187
RGB Percent	65%, 45%, 73%
CMY	0.3488, 0.5491, 0.2667
CMYK	0.11, 0.39, 0.00, 0.27
HSL	283°, 35%, 59%
HSV	283°, 39%, 73%
XYZ	30.8320, 23.9558, 50.0088
YIQ	138.4570, 7.2840, 33.2040

Conversions

Conversions Part 2

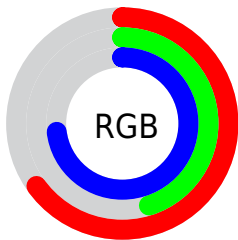
Format	Color
R _Y B	166, 115, 187
Decimal	10908603
CIE Lab	56.04, 33.02, -30.10
CIE LCh	56, 44.677, 317.651
Yxy	23.9558, 0.2942, 0.2286
Android (android.graphics.Color)	4289098683 (0xFFA673BB)
YUV	138.4570, 23.9317, 24.1552
Hunter-Lab	48.9446, 26.7905, -26.3178

Details

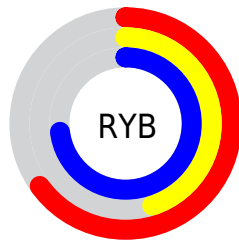
The YIQ color **138.4570, 7.2840, 33.2040** is a light color, and the websafe version is hex **996699**. A complement of this color would be **163.5430, -7.2840, -33.2040**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **192.6960, 8.1090, 34.7730**, and **87.1040, 6.7800, 31.3240** is the 20% darker color. If you saturate the color by 10%, you get **125.8090, 9.5290, 42.0810**, and if you desaturate by 10%, it is **151.1050, 5.0390, 24.3270**.

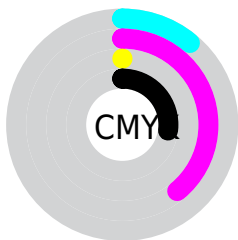
Distribution



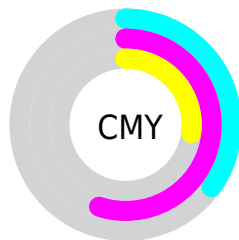
- Red (65%)
- Green (45%)
- Blue (73%)



- Red (65%)
- Yellow (45%)
- Blue (73%)



- Cyan (11%)
- Magenta (39%)
- Yellow (0%)
- Black (27%)



- Cyan (35%)
- Magenta (55%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.4570, 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 138.4570, 7.2840, 33.2040 by changing the saturation by 10% instead.

138.4570, 7.2840,
33.2040

138.4570, 7.2840,
33.2040

255.0000, -0.0000,
-0.0000

112.6310, 6.7340,
32.1580

192.6960, 8.1090,
34.7730

87.1040, 6.7800,
31.3240

218.5840, 14.1160,
30.5320

62.9790, 5.6340,
30.0660

236.2160, 8.8000,
16.7360

38.5660, 5.3590,
29.5430

253.2390, 0.8250,
1.5690

18.5010, 3.9840,
26.9280

7.9200, -5.0460,
14.3620

2.1830, -4.7690,

3.8310

■ 0.0000, 0.0000,
0.0000

■ 138.4570, 7.2840,
33.2040

■ 138.4570, 7.2840,
33.2040

■ 125.8090, 9.5290,
42.0810

■ 151.1050, 5.0390,
24.3270

■ 113.4490, 10.9030,
50.2230

■ 163.4650, 3.6650,
16.1850

■ 100.8010, 13.1480,
59.1000

■ 176.1130, 1.4200,
7.3080

■ 87.8540, 14.7970,
67.7650

■ 189.0600, -0.2290,
-1.3570

■ 75.2060, 17.0420,
76.6420

■ 201.1210, -2.1990,
-9.7110

■ 62.8460, 18.4160,
84.7840

■ 214.0680, -3.8480,
-18.3760

■ 61.0850, 19.2410,
86.3530

■ 226.7160, -6.0930,
-27.2530

■ 233.7930, -4.9920,
-30.6880

■ 235.2880, -2.0120,
-29.6280

Harmonies

Analogous

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



132.9120, -36.9580, 20.0180



138.4570, 7.2840, 33.2040



136.9910, 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.



138.4570, 7.2840, 33.2040



131.8770, 48.0980, -12.6540



108.2960, -92.7470, -31.7150

Complementary

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



138.4570, 7.2840, 33.2040



163.5430, -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.



103.0350, -79.3110, -43.9430



138.4570, 7.2840, 33.2040



128.1570, 23.3420, -26.5620

Square

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



138.4570, 7.2840, 33.2040



133.2400, 60.9780, 7.2340



122.9060, -12.7400, -33.4440



110.4110, -102.8360, -19.5720

Rectangle

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



138.4570, 7.2840, 33.2040



135.2450, 54.5550, 30.0350



122.9060, -12.7400, -33.4440



106.7000, -88.2530, -36.0690

Sweetspot

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



138.4570, 7.2840, 33.2040



222.5850, 3.2070, 13.4710



136.1220, -29.1620, 10.8860



110.5260, 1.6950, 7.8310



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.



138.4570, 7.2840, 33.2040



167.2750, 11.4530, 51.2690



143.1400, 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.



138.9220, 36.1710, 21.7950



167.8370, 55.8840, 33.4840



158.8600, -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 138.4570, 7.2840, 33.2040 looks on a white background.

Color Contrast Check

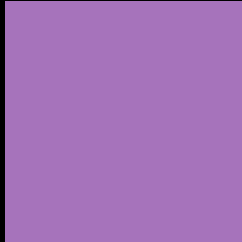
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.4570, 7.2840, 33.2040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

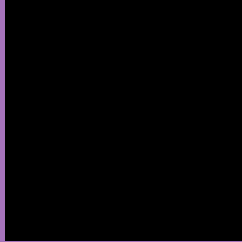
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 138.4570, 7.2840, 33.2040

Background



This preview shows how black text looks on a background with the YIQ color 138.4570, 7.2840, 33.2040.



This preview shows how white text looks on a background with the YIQ color 138.4570, 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

138.4570, 7.2840, 33.2040

Protanopia

133.5870, -34.6650, 17.0070

Deuteranopia

134.9270, -24.1190, 13.1050



Tritanopia

136.7080, 15.8620, 9.8940

Trichromacy



Original Color

138.4570, 7.2840, 33.2040

Protanomaly

135.4750, -19.4900, 22.8300

Deuteranomaly

136.0150, -12.3830, 20.6810

Tritanomaly

137.4230, 12.6510, 18.5310

Monochromacy



Original Color

138.4570, 7.2840, 33.2040

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

138.3460, 2.3820, 11.9020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.4570, 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(166, 115, 187)` looks like.

```
.text, #text, p{  
    color:rgb(166, 115, 187)  
}
```

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(166, 115, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 115, 187) }
```

Border

The CSS property to change the border of an element to YIQ 138.4570, 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(166, 115, 187) }
```


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

```
.border{ border-color:rgb(166, 115, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 115, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 115, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 115, 187);  
box-shadow:4px 4px 4px 4px rgb(166, 115,  
187) }
```

Background

The CSS property to change the background color of an element to YIQ 138.4570, 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(166, 115, 187) }
```

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

```
.background{ background-color: rgb(166,  
115, 187) }
```

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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