

Converting Colors

YIQ(138.5290, 15.9490, 35.8610)

Have a look what the booklet for
YIQ(138.5290, 15.9490, 35.8610)
contains.

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Color

**YIQ(138.5290, 15.9490,
35.8610)**

Conversions

Conversions Part 1

Format	Color
Hex	B06FB6
RGB	176, 111, 182
RGB Percent	69%, 44%, 71%
CMY	0.3096, 0.5648, 0.2863
CMYK	0.03, 0.39, 0.00, 0.29
HSL	295°, 33%, 57%
HSV	295°, 39%, 71%
XYZ	32.0412, 23.9765, 47.1963
YIQ	138.5290, 15.9490, 35.8610

Conversions

Conversions Part 2

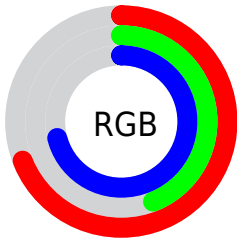
Format	Color
R_{YB}	176, 111, 182
Decimal	11562934
CIE _{Lab}	56.06, 37.36, -27.11
CIE _{LCh}	56, 46.163, 324.034
Yxy	23.9765, 0.3104, 0.2323
Android (android.graphics.Color)	4289753014 (0xFFB06FB6)
YUV	138.5290, 21.4312, 32.8621
Hunter-Lab	48.9658, 31.1129, -22.8714

Details

The YIQ color **138.5290, 15.9490, 35.8610** is a light color, and the websafe version is hex **996699**. A complement of this color would be **154.4710, -15.9490, -35.8610**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **193.0670, 17.3700, 37.6420**, and **86.9910, 14.5280, 34.0800** is the 20% darker color. If you saturate the color by 10%, you get **127.6640, 20.3030, 45.0630**, and if you desaturate by 10%, it is **149.6930, 12.1910, 26.8710**.

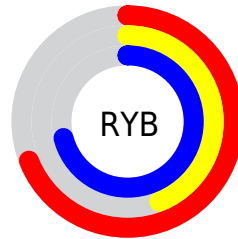
Distribution



Red (69%)

Green (44%)

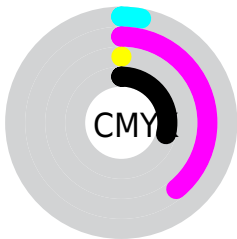
Blue (71%)



Red (69%)

Yellow (44%)

Blue (71%)

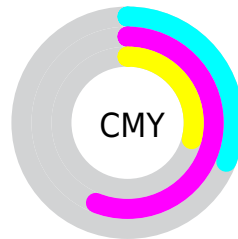


Cyan (3%)

Magenta (39%)

Yellow (0%)

Black (29%)



Cyan (31%)

Magenta (56%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.5290, 15.9490, 35.8610 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 138.5290, 15.9490, 35.8610 by changing the saturation by 10% instead.

138.5290, 15.9490,
35.8610

138.5290, 15.9490,
35.8610

255.0000, -0.0000,
-0.0000

112.7030, 15.3990,
34.8150

193.0670, 17.3700,
37.6420

86.9910, 14.5280,
34.0800

217.4320, 17.6000,
33.4720

61.5780, 14.2530,
33.5570

234.4550, 9.6250,
18.3050

36.1050, 14.2070,
34.3910

251.4780, 1.6500,
3.1380

20.4370, 10.0360,
27.3800

10.7530, 2.7940,
15.4500

0.9120, -2.5680,

2.4880

0.0000, 0.0000,
0.0000

138.5290, 15.9490,
35.8610

138.5290, 15.9490,
35.8610

127.6640, 20.3030,
45.0630

149.6930, 12.1910,
26.8710

116.5000, 24.0610,
54.0530

160.5580, 7.8370,
17.6690

104.7490, 28.0940,
63.5660

172.3090, 3.8040,
8.1560

93.8840, 32.4480,
72.7680

183.1740, -0.5500,
-1.0460

82.7200, 36.2060,
81.7580

194.3380, -4.3080,
-10.0360

71.8550, 40.5600,
90.9600

205.2030, -8.6620,
-19.2380

70.6810, 41.1100,
92.0060

216.3670,
-12.4200, -28.2280

226.6450,
-16.4990, -36.9070

227.2430,
-15.3070, -36.4830

Harmonies

Analogous

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



135.0380, -28.3850, 24.3430



138.5290, 15.9490, 35.8610



136.1120, 47.8600, 35.7320

Triad

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



138.5290, 15.9490, 35.8610



130.5730, 45.8980, -16.8380



109.3220, -95.6360, -28.9160

Complementary

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



138.5290, 15.9490, 35.8610



154.4710, -15.9490, -35.8610

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.



104.6480, -82.4750, -41.6670



138.5290, 15.9490, 35.8610



127.2270, 17.1530, -30.0390

Square

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



138.5290, 15.9490, 35.8610



132.6050, 61.2080, 3.0640



120.4640, -23.2390, -35.9030



110.7360, -105.1290, -16.5610

Rectangle

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



138.5290, 15.9490, 35.8610



134.5290, 59.5070, 28.3950



120.4640, -23.2390, -35.9030



107.8400, -91.4630, -32.9590

Sweetspot

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



138.5290, 15.9490, 35.8610



219.9660, 6.5080, 14.2200



123.2030, -24.7160, 18.4200



109.4230, 3.4830, 8.4670



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



138.5290, 15.9490, 35.8610



169.1520, 25.1610, 56.1450



137.1310, 28.5130, 28.4250



86.4180, 1.8790, 4.4950



60.5410, 35.1520, 78.8320



10.9660, 6.5080, 14.2200

Inverse Universe

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



132.9130, 40.3900, 16.9180



160.2150, 63.2670, 26.3310



155.8690, -28.5130, -28.4250



85.6910, 5.3640, 1.9080



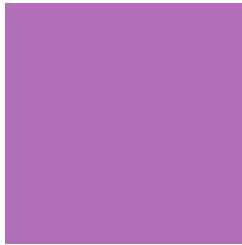
48.1260, 88.8030, 37.1150



8.6000, 16.0460, 6.5580

Previews

White Background



This preview shows how the YIQ color 138.5290, 15.9490, 35.8610 looks on a white background.

Color Contrast Check

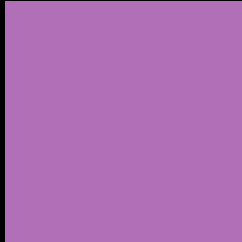
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.5290, 15.9490, 35.8610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

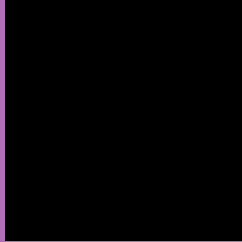
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 138.5290, 15.9490, 35.8610

Background



This preview shows how black text looks on a background with the YIQ color 138.5290, 15.9490, 35.8610.



This preview shows how white text looks on a background with the YIQ color 138.5290, 15.9490,

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

138.5290, 15.9490, 35.8610

Protanopia

134.2450, -33.7020, 16.0740

Deuteranopia

135.4390, -19.8090, 12.0870



Tritanopia

137.0790, 25.1230, 12.7630

Trichromacy



Original Color

138.5290, 15.9490, 35.8610

Protanomaly

135.7420, -15.8680, 23.2680

Deuteranomaly

136.5380, -6.6060, 20.6100

Tritanomaly

137.7940, 21.9120, 21.4000

Monochromacy



Original Color

138.5290, 15.9490, 35.8610

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

138.8410, 5.3620, 12.9620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.5290, 15.9490, 35.8610 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(176, 111, 182)` looks like.

```
.text, #text, p{  
    color:rgb(176, 111, 182)  
}
```

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(176, 111, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 111, 182) }
```

Border

The CSS property to change the border of an element to YIQ 138.5290, 15.9490, 35.8610 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(176, 111, 182) }
```


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

```
.border{ border-color:rgb(176, 111, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 111, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 111, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 111, 182);  
box-shadow:4px 4px 4px 4px rgb(176, 111,  
182) }
```

Background

The CSS property to change the background color of an element to YIQ 138.5290, 15.9490, 35.8610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 111, 182) }
```

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

```
.background{ background-color: rgb(176,  
111, 182) }
```

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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