

Converting Colors

YIQ(138.3620, 23.7890, 36.9490)

Have a look what the booklet for
YIQ(138.3620, 23.7890, 36.9490)
contains.

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Color

**YIQ(138.3620, 23.7890,
36.9490)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B86CAF |
| RGB | 184, 108, 175 |
| RGB Percent | 72%, 42%, 69% |
| CMY | 0.2782, 0.5766, 0.3137 |
| CMYK | 0.00, 0.41, 0.05, 0.28 |
| HSL | 307°, 35%, 57% |
| HSV | 307°, 41%, 72% |
| XYZ | 32.8789, 24.0114, 43.4648 |
| YIQ | 138.3620, 23.7890, 36.9490 |

Conversions

Conversions Part 2

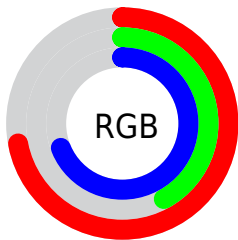
| Format | Color |
|-------------------------------------|--|
| RYB | 184, 108, 175 |
| Decimal | 12086447 |
| CIELab | 56.10, 40.22, -22.95 |
| CIELCh | 56, 46.308, 330.287 |
| Yxy | 24.0114, 0.3276, 0.2393 |
| Android (android.graphics.Color) | 4290276527 (0xFFB86CAF) |
| YUV | 138.3620, 18.0625, 40.0245 |
| Hunter-Lab | 49.0014, 34.0174, -18.2899 |

Details

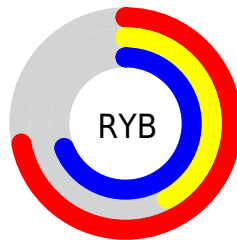
The YIQ color **138.3620, 23.7890, 36.9490** is a light color, and the websafe version is hex **996699**. A complement of this color would be **153.6380, -23.7890, -36.9490**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **192.9000, 25.2100, 38.7300**, and **85.9380, 22.0470, 35.4790** is the 20% darker color. If you saturate the color by 10%, you get **127.5680, 29.3810, 45.7410**, and if you desaturate by 10%, it is **149.1560, 18.1970, 28.1570**.

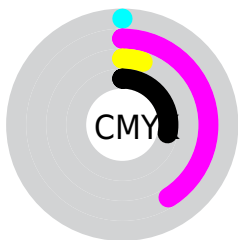
Distribution



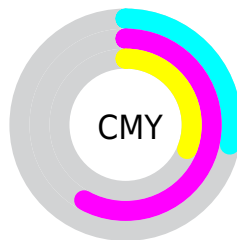
- Red (72%)
- Green (42%)
- Blue (69%)



- Red (72%)
- Yellow (42%)
- Blue (69%)



- Cyan (0%)
- Magenta (41%)
- Yellow (5%)
- Black (28%)



- Cyan (28%)
- Magenta (58%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.3620, 23.7890, 36.9490 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 138.3620, 23.7890, 36.9490 by changing the saturation by 10% instead.

138.3620, 23.7890,
36.9490

138.3620, 23.7890,
36.9490

255.0000, -0.0000,
-0.0000

111.6500, 22.9180,
36.2140

192.9000, 25.2100,
38.7300

85.9380, 22.0470,
35.4790

216.2580, 18.1500,
34.5180

60.6390, 21.4510,
35.2670

232.6940, 10.4500,
19.8740

32.5190, 21.9090,
37.9810

249.7170, 2.4750,
4.7070

21.5470, 15.5380,
26.7860

12.2760, 8.5710,
15.3790

0.0000, 0.0000,

0.0000

138.3620, 23.7890,
36.9490

138.3620, 23.7890,
36.9490

127.5680, 29.3810,
45.7410

149.1560, 18.1970,
28.1570

116.1870, 35.2480,
55.0560

160.5370, 12.3300,
18.8420

105.2790, 41.1610,
63.5370

171.4450, 6.4170,
10.3610

93.8980, 47.0280,
72.8520

182.8260, 0.5500,
1.0460

83.1040, 52.6200,
81.6440

193.6200, -5.0420,
-7.7460

73.4840, 57.6620,
89.3900

204.4140,
-10.6340, -16.5380

■ 215.7950,
-16.5010, -25.8530

■ 226.7030,
-22.4140, -34.3340

■ 226.9310,
-23.0560, -33.7120

Harmonies

Analogous

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



137.0070, -17.9320, 27.6360



138.3620, 23.7890, 36.9490



135.5100, 52.4910, 34.4030

Triad

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



138.3620, 23.7890, 36.9490



130.1270, 41.2220, -20.2020



110.2340, -98.2040, -26.4280

Complementary

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



138.3620, 23.7890, 36.9490



153.6380, -23.7890, -36.9490

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.



105.6740, -85.3640, -38.8680



138.3620, 23.7890, 36.9490



126.1660, 9.9550, -31.7490

Square

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



138.3620, 23.7890, 36.9490



133.1870, 59.3290, -1.4310



117.7770, -34.4260, -36.9060



110.7190, -106.4590, -14.4830

Rectangle

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



138.3620, 23.7890, 36.9490



134.2040, 61.8000, 25.3840



117.7770, -34.4260, -36.9060



108.7520, -94.0310, -30.4710

Sweetspot

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



138.3620, 23.7890, 36.9490



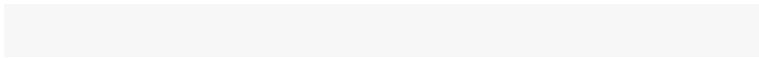
222.5210, 9.2590, 13.9230



119.3550, -19.0320, 25.5440



109.7930, 5.3170, 8.2690



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.



138.3620, 23.7890, 36.9490



167.8500, 37.8150, 58.0950



134.0300, 35.9870, 25.1310



86.6030, 2.7960, 4.3960



62.2620, 48.9990, 75.6790



11.2220, 8.6630, 13.7110

Inverse Universe

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



138.3620, 23.7890, 36.9490



167.8500, 37.8150, 58.0950



157.9700, -35.9870, -25.1310



86.6030, 2.7960, 4.3960



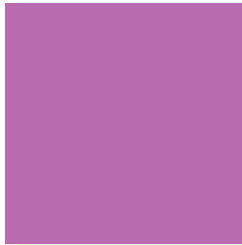
62.2620, 48.9990, 75.6790



11.2220, 8.6630, 13.7110

Previews

White Background



This preview shows how the YIQ color 138.3620, 23.7890, 36.9490 looks on a white background.

Color Contrast Check

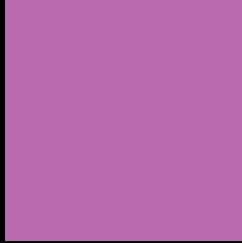
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.3620, 23.7890, 36.9490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

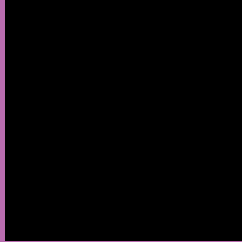
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 138.3620, 23.7890, 36.9490

Background



This preview shows how black text looks on a background with the YIQ color 138.3620, 23.7890, 36.9490.



This preview shows how white text looks on a background with the YIQ color 138.3620, 23.7890,

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

138.3620, 23.7890, 36.9490

Protanopia

134.5720, -30.3090, 15.1550

Deuteranopia

135.5490, -14.3070, 11.4930



Tritanopia

136.9660, 32.8710, 15.5190

Trichromacy



Original Color

138.3620, 23.7890, 36.9490

Protanomaly

135.9660, -10.6870, 22.9850

Deuteranomaly

136.3600, -0.2330, 20.7510

Tritanomaly

137.1540, 29.7060, 23.3220

Monochromacy



Original Color

138.3620, 23.7890, 36.9490

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

138.1080, 8.9840, 13.4000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.3620, 23.7890, 36.9490 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(184, 108, 175)` looks like.

```
.text, #text, p{  
    color:rgb(184, 108, 175)  
}
```

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(184, 108, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 108, 175) }
```

Border

The CSS property to change the border of an element to YIQ 138.3620, 23.7890, 36.9490 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(184, 108, 175) }
```


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

```
.border{ border-color:rgb(184, 108, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 108, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 108, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 108, 175);  
box-shadow:4px 4px 4px 4px rgb(184, 108,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 138.3620, 23.7890, 36.9490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 108, 175) }
```

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

```
.background{ background-color: rgb(184,  
108, 175) }
```

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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