

Converting Colors

YIQ(140.9490, 23.5140, 36.4260)

Have a look what the booklet for
YIQ(140.9490, 23.5140, 36.4260)
contains.

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Color

**YIQ(140.9490, 23.5140,
36.4260)**

Conversions

Conversions Part 1

Format	Color
Hex	BA6FB1
RGB	186, 111, 177
RGB Percent	73%, 44%, 69%
CMY	0.2704, 0.5648, 0.3058
CMYK	0.00, 0.40, 0.05, 0.27
HSL	307°, 35%, 58%
HSV	307°, 40%, 73%
XYZ	33.8812, 24.9829, 44.6370
YIQ	140.9490, 23.5140, 36.4260

Conversions

Conversions Part 2

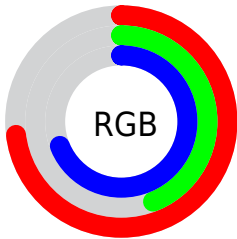
Format	Color
R_{YB}	186, 111, 177
Decimal	12218289
CIE _{Lab}	57.06, 39.61, -22.61
CIE _{LCh}	57, 45.612, 330.284
Yxy	24.9829, 0.3274, 0.2414
Android (android.graphics.Color)	4290408369 (0xFFBA6FB1)
YUV	140.9490, 17.7731, 39.5097
Hunter-Lab	49.9829, 33.5272, -17.9607

Details

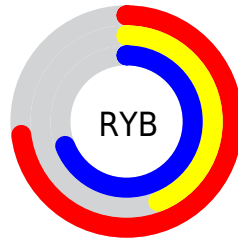
The YIQ color **140.9490, 23.5140, 36.4260** is a light color, and the websafe version is hex **996699**. A complement of this color would be **156.0510, -23.5140, -36.4260**, and the grayscale version is **141.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **195.4870, 24.9350, 38.2070**, and **88.5250, 21.7720, 34.9560** is the 20% darker color. If you saturate the color by 10%, you get **129.5680, 29.3810, 45.7410**, and if you desaturate by 10%, it is **152.3300, 17.6470, 27.1110**.

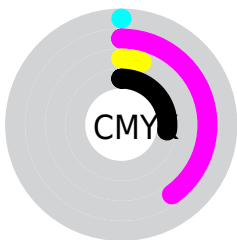
Distribution



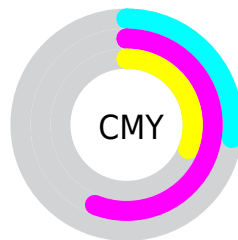
- Red (73%)
- Green (44%)
- Blue (69%)



- Red (73%)
- Yellow (44%)
- Blue (69%)



- Cyan (0%)
- Magenta (40%)
- Yellow (5%)
- Black (27%)



- Cyan (27%)
- Magenta (56%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 140.9490, 23.5140, 36.4260 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 140.9490, 23.5140, 36.4260 by changing the saturation by 10% instead.

140.9490, 23.5140,
36.4260

140.9490, 23.5140,
36.4260

255.0000, -0.0000,
-0.0000

114.2370, 22.6430,
35.6910

195.4870, 24.9350,
38.2070

88.5250, 21.7720,
34.9560

218.0190, 17.3250,
32.9490

63.2260, 21.1760,
34.7440

234.4550, 9.6250,
18.3050

35.6930, 21.3590,
36.9350

251.4780, 1.6500,
3.1380

22.3730, 16.0880,
27.8320

13.4010, 9.7170,
16.6370

0.1140, -0.3210,

0.3110

0.0000, 0.0000,
0.0000

140.9490, 23.5140,
36.4260

140.9490, 23.5140,
36.4260

129.5680, 29.3810,
45.7410

152.3300, 17.6470,
27.1110

118.7740, 34.9730,
54.5330

163.1240, 12.0550,
18.3190

107.2790, 41.1610,
63.5370

174.6190, 5.8670,
9.3150

96.4850, 46.7530,
72.3290

185.4130, 0.2750,
0.5230

85.1040, 52.6200,
81.6440

196.7940, -5.5920,
-8.7920

■ 74.3100, 58.2120,
90.4360

■ 208.1750,
-11.4590, -18.1070

■ 219.0830,
-17.3720, -26.5880

■ 227.5290,
-21.8640, -33.2880

■ 227.7570,
-22.5060, -32.6660

Harmonies

Analogous

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



139.0070, -17.9320, 27.6360



140.9490, 23.5140, 36.4260



138.6840, 51.9410, 33.3570

Triad

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



140.9490, 23.5140, 36.4260



132.9420, 40.3050, -20.1030



111.6360, -99.3960, -26.8520

Complementary

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



140.9490, 23.5140, 36.4260



156.0510, -23.5140, -36.4260

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.



107.6630, -86.8310, -39.8150



140.9490, 23.5140, 36.4260



128.6930, 9.9090, -30.9150

Square

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



140.9490, 23.5140, 36.4260



135.3010, 59.0080, -1.1200



121.0760, -33.8300, -36.6940



112.0070, -107.3300, -15.2180

Rectangle

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



140.9490, 23.5140, 36.4260



136.9050, 61.2040, 25.1720



121.0760, -33.8300, -36.6940



110.7410, -95.4980, -31.4180

Sweetspot

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



140.9490, 23.5140, 36.4260



224.6350, 8.9380, 14.2340



122.2410, -18.7110, 25.2330



111.7930, 5.3170, 8.2690



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.



140.9490, 23.5140, 36.4260



172.3120, 36.3940, 56.3140



136.7310, 35.3910, 24.9190



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.



140.9490, 23.5140, 36.4260



172.3120, 36.3940, 56.3140



160.2690, -35.3910, -24.9190



86.6030, 2.7960, 4.3960



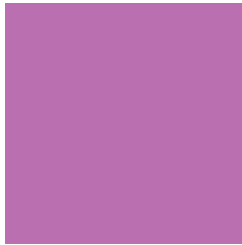
62.2620, 48.9990, 75.6790



11.2220, 8.6630, 13.7110

Previews

White Background



This preview shows how the YIQ color 140.9490, 23.5140, 36.4260 looks on a white background.

Color Contrast Check

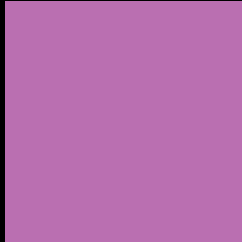
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.9490, 23.5140, 36.4260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

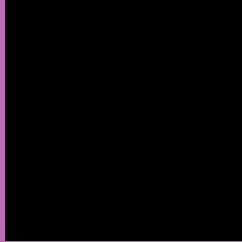
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 140.9490, 23.5140, 36.4260

Background



This preview shows how black text looks on a background with the YIQ color 140.9490, 23.5140, 36.4260.



This preview shows how white text looks on a background with the YIQ color 140.9490, 23.5140,

36.4260.

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

140.9490, 23.5140, 36.4260

Protanopia

136.7570, -29.3920, 15.0560

Deuteranopia

138.4350, -13.9860, 11.1820



Tritanopia

139.6670, 32.2750, 15.3070

Trichromacy



Original Color

140.9490, 23.5140, 36.4260



Protanomaly

138.1510, -9.7700, 22.8860



Deuteranomaly

139.2460, 0.0880, 20.4400



Tritanomaly

139.8550, 29.1100, 23.1100

Monochromacy



Original Color

140.9490, 23.5140, 36.4260



Achromatopsia

141.0000, -0.0000, -0.0000



Achromatomaly

140.8090, 8.3880, 13.1880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.9490, 23.5140, 36.4260 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(186, 111, 177)` looks like.

```
.text, #text, p{  
    color:rgb(186, 111, 177)  
}
```

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(186, 111, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 111, 177) }
```

Border

The CSS property to change the border of an element to YIQ 140.9490, 23.5140, 36.4260 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(186, 111, 177) }
```


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

```
.border{ border-color:rgb(186, 111, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 111, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 111, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 111, 177);  
box-shadow:4px 4px 4px 4px rgb(186, 111,  
177) }
```

Background

The CSS property to change the background color of an element to YIQ 140.9490, 23.5140, 36.4260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 111, 177) }
```

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

```
.background{ background-color: rgb(186,  
111, 177) }
```

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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