

Converting Colors

YIQ(138.9300, 24.5250, 23.6050)

Have a look what the booklet for
YIQ(138.9300, 24.5250, 23.6050)
contains.

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Color

**YIQ(138.9300, 24.5250,
23.6050)**

Conversions

Conversions Part 1

Format	Color
Hex	B17598
RGB	177, 117, 152
RGB Percent	69%, 46%, 60%
CMY	0.3057, 0.5413, 0.4038
CMYK	0.00, 0.34, 0.14, 0.31
HSL	325°, 28%, 58%
HSV	325°, 34%, 69%
XYZ	30.1683, 24.3363, 32.8208
YIQ	138.9300, 24.5250, 23.6050

Conversions

Conversions Part 2

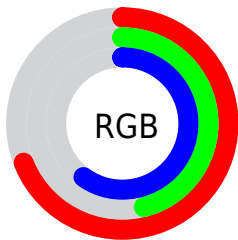
Format	Color
R_{YB}	177, 117, 152
Decimal	11629976
CIE Lab	56.42, 28.90, -9.23
CIE LCh	56, 30.339, 342.284
Yxy	24.3363, 0.3455, 0.2787
Android (android.graphics.Color)	4289820056 (0xFFB17598)
YUV	138.9300, 6.4435, 33.3874
Hunter-Lab	49.3319, 22.8288, -4.9137

Details

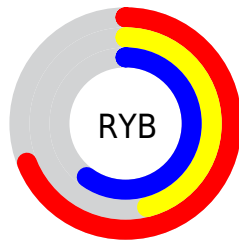
The YIQ color **138.9300, 24.5250, 23.6050** is a light color, and the websafe version is hex **996699**. A complement of this color would be **155.0700, -24.5250, -23.6050**, and the grayscale version is **139.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **193.2400, 26.5880, 24.7640**, and **87.6200, 22.4620, 22.4460** is the 20% darker color. If you saturate the color by 10%, you get **127.5660, 31.7220, 30.8420**, and if you desaturate by 10%, it is **150.2940, 17.3280, 16.3680**.

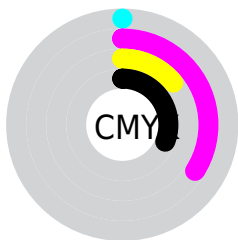
Distribution



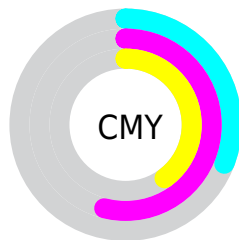
- Red (69%)
- Green (46%)
- Blue (60%)



- Red (69%)
- Yellow (46%)
- Blue (60%)



- Cyan (0%)
- Magenta (34%)
- Yellow (14%)
- Black (31%)



- Cyan (31%)
- Magenta (54%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.9300, 24.5250, 23.6050 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 138.9300, 24.5250, 23.6050 by changing the saturation by 10% instead.

■ 138.9300, 24.5250,
23.6050

■ 138.9300, 24.5250,
23.6050

■ 255.0000, -0.0000,
-0.0000

■ 113.2180, 23.6540,
22.8700

■ 193.2400, 26.5880,
24.7640

■ 87.6200, 22.4620,
22.4460

■ 218.5600, 22.6910,
23.8030

■ 63.9080, 21.5910,
21.7110

■ 237.9770, 7.9750,
15.1670

■ 39.7230, 20.6740,
21.8100

■ 254.4130, 0.2750,
0.5230

■ 18.4130, 18.6110,
20.6510

■ 8.3870, 12.3320,
7.7880

■ 0.0000, 0.0000,

0.0000

138.9300, 24.5250,
23.6050

138.9300, 24.5250,
23.6050

127.5660, 31.7220,
30.8420

150.2940, 17.3280,
16.3680

116.6750, 38.9650,
37.2450

161.1850, 10.0850,
9.9650

105.3110, 46.1620,
44.4820

172.5490, 2.8880,
2.7280

93.9470, 53.3590,
51.7190

184.0270, -4.6300,
-4.1980

82.4690, 60.8770,
58.6450

195.3910,
-11.8270, -11.4350

71.6920, 67.7990,
65.3590

206.1680,
-18.7490, -18.1490

■ 64.6650, 72.4290,
69.5570

■ 217.6460,
-26.2670, -25.0750

■ 226.6620,
-32.3640, -30.2200

■ 227.4600,
-34.6110, -28.0430

Harmonies

Analogous

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



138.6590, 0.3630, 20.9630



138.9300, 24.5250, 23.6050



137.6680, 39.7020, 18.3740

Triad

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



138.9300, 24.5250, 23.6050



132.3390, 20.3140, -15.7340



116.7210, -74.4100, -17.1140

Complementary

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



138.9300, 24.5250, 23.6050



155.0700, -24.5250, -23.6050

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.



118.7470, -60.1040, -23.0800



138.9300, 24.5250, 23.6050



129.1450, -2.7470, -21.8110

Square

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



138.9300, 24.5250, 23.6050



134.7590, 37.0470, -5.1050



124.2480, -30.8980, -23.7460



125.9720, -55.5230, -1.4670

Rectangle

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



138.9300, 24.5250, 23.6050



137.1920, 43.7380, 11.3060



124.2480, -30.8980, -23.7460



115.9120, -73.6300, -20.2380

Sweetspot

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



138.9300, 24.5250, 23.6050



215.3590, 9.5350, 8.9190



131.0160, -4.9560, 23.7480



106.0980, 5.7760, 5.4560



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



138.9300, 24.5250, 23.6050



169.6750, 38.9650, 37.2450



135.6240, 33.8340, 14.5860



83.3750, 3.4380, 3.7740



55.8930, 62.6190, 60.1150



9.4840, 10.6810, 10.1770

Inverse Universe

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



138.9300, 24.5250, 23.6050



169.6750, 38.9650, 37.2450



158.3760, -33.8340, -14.5860



83.3750, 3.4380, 3.7740



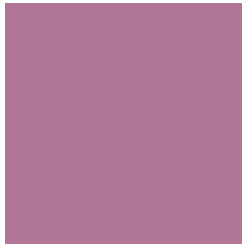
55.8930, 62.6190, 60.1150



9.4840, 10.6810, 10.1770

Previews

White Background



This preview shows how the YIQ color 138.9300, 24.5250, 23.6050 looks on a white background.

Color Contrast Check

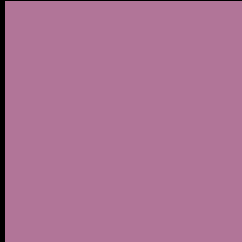
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.9300, 24.5250, 23.6050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

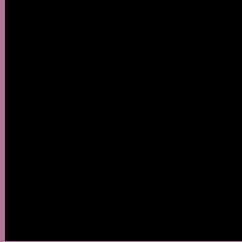
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 138.9300, 24.5250, 23.6050

Background



This preview shows how black text looks on a background with the YIQ color 138.9300, 24.5250, 23.6050.



This preview shows how white text looks on a background with the YIQ color 138.9300, 24.5250,

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

138.9300, 24.5250, 23.6050

Protanopia

135.9250, -12.6100, 8.2700

Deuteranopia

137.2270, 1.0990, 7.6190



Tritanopia

137.8730, 28.6990, 14.0350

Trichromacy



Original Color

138.9300, 24.5250, 23.6050

Protanomaly

137.0300, 0.4560, 13.7680

Deuteranomaly

137.9940, 9.3050, 13.0890

Tritanomaly

138.4970, 27.0020, 17.2580

Monochromacy



Original Color

138.9300, 24.5250, 23.6050

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

139.0600, 8.9390, 8.7070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.9300, 24.5250, 23.6050 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(177, 117, 152)` looks like.

```
.text, #text, p{  
    color:rgb(177, 117, 152)  
}
```

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(177, 117, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 117, 152) }
```

Border

The CSS property to change the border of an element to YIQ 138.9300, 24.5250, 23.6050 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(177, 117, 152) }
```


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

```
.border{ border-color:rgb(177, 117, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 117, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 117, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 117, 152);  
box-shadow:4px 4px 4px 4px rgb(177, 117,  
152) }
```

Background

The CSS property to change the background color of an element to YIQ 138.9300, 24.5250, 23.6050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 117, 152) }
```

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

```
.background{ background-color: rgb(177,  
117, 152) }
```

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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