

Converting Colors

YIQ(136.4250, 1.1420, 23.3660)

Have a look what the booklet for
YIQ(136.4250, 1.1420, 23.3660)
contains.

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Color

**YIQ(136.4250, 1.1420,
23.3660)**

Conversions

Conversions Part 1

Format	Color
Hex	9879AF
RGB	152, 121, 175
RGB Percent	60%, 47%, 69%
CMY	0.4038, 0.5255, 0.3138
CMYK	0.13, 0.31, 0.00, 0.31
HSL	274°, 25%, 58%
HSV	274°, 31%, 69%
XYZ	27.5268, 23.4444, 43.6270
YIQ	136.4250, 1.1420, 23.3660

Conversions

Conversions Part 2

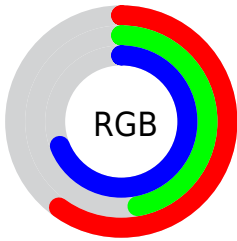
Format	Color
R_{YB}	152, 121, 175
Decimal	9992623
CIE _{Lab}	55.53, 22.50, -24.12
CIE _{LCh}	56, 32.987, 313.009
Y _{xy}	23.4444, 0.2910, 0.2478
Android (android.graphics.Color)	4288182703 (0xFF9879AF)
YUV	136.4250, 19.0175, 13.6593
Hunter-Lab	48.4194, 16.7443, -19.5279

Details

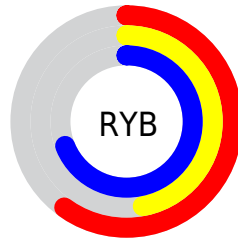
The YIQ color **136.4250, 1.1420, 23.3660** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **159.5750, -1.1420, -23.3660**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **190.3650, 1.3710, 24.7230**, and **86.0720, 0.6380, 21.4860** is the 20% darker color. If you saturate the color by 10%, you get **123.7660, 1.9200, 31.2960**, and if you desaturate by 10%, it is **148.4970, 0.6390, 15.9590**.

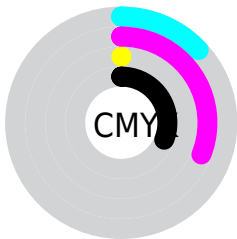
Distribution



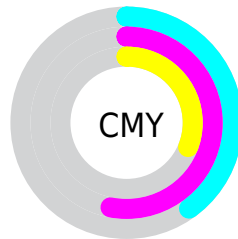
- Red (60%)
- Green (47%)
- Blue (69%)



- Red (60%)
- Yellow (47%)
- Blue (69%)



- Cyan (13%)
- Magenta (31%)
- Yellow (0%)
- Black (31%)



- Cyan (40%)
- Magenta (53%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 136.4250, 1.1420, 23.3660 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 136.4250, 1.1420, 23.3660 by changing the saturation by 10% instead.


 136.4250, 1.1420,
23.3660

 136.4250, 1.1420,
23.3660

255.0000, -0.0000,
-0.0000


 110.8980, 1.1880,
22.5320


 190.3650, 1.3710,
24.7230


 86.0720, 0.6380,
21.4860


 217.3220, 2.9300,
24.0020

 62.5450, 0.6840,
20.6520

 239.7380, 7.1500,
13.5980

 39.7190, 0.1340,
19.6060

 17.6050, 0.4550,
19.2950

 3.3060, -9.3090,
9.0190

 0.0000, 0.0000,

0.0000

■ 136.4250, 1.1420,
23.3660

■ 136.4250, 1.1420,
23.3660

■ 123.7660, 1.9200,
31.2960

■ 148.4970, 0.6390,
15.9590

■ 111.3950, 1.8270,
38.4910

■ 161.4550, 0.4570,
8.2410

■ 98.7360, 2.6050,
46.4210

■ 173.5270, -0.0460,
0.8340

■ 86.3650, 2.5120,
53.6160

■ 186.4850, -0.2280,
-6.8840

■ 73.7060, 3.2900,
61.5460

■ 198.5570, -0.7310,
-14.2910

■ 61.3350, 3.1970,
68.7410

■ 211.5150, -0.9130,
-22.0090

■ 50.1490, 4.0210,
75.8370

■ 223.5870, -1.4160,
-29.4160

■ 233.0230, 0.0520,
-33.9960

■ 235.1160, 4.2240,
-32.5120

Harmonies

Analogous

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



132.2190, -30.8130, 13.2750



136.4250, 1.1420, 23.3660



136.6530, 26.8630, 25.2870

Triad

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



136.4250, 1.1420, 23.3660



132.4880, 39.2480, -6.4480



109.3860, -75.3250, -28.0690

Complementary

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



136.4250, 1.1420, 23.3660



159.5750, -1.1420, -23.3660

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.



120.6280, -35.0240, -26.0640



136.4250, 1.1420, 23.3660



129.4700, 21.3230, -17.5010

Square

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



136.4250, 1.1420, 23.3660



133.6390, 46.6730, 7.6730



126.4930, -3.8470, -23.9030



105.1960, -95.0410, -23.1770

Rectangle

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



136.4250, 1.1420, 23.3660



135.4170, 39.1510, 22.8550



126.4930, -3.8470, -23.9030



114.2260, -60.1950, -26.9390

Sweetspot

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



136.4250, 1.1420, 23.3660



212.5690, 0.1360, 8.5520



140.6570, -23.6590, 4.7650



105.5750, -0.0010, 5.5270



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.



136.4250, 1.1420, 23.3660



166.9280, 1.6440, 36.3000



142.8460, 16.1340, 26.9980



80.5210, 0.0910, 3.8590



42.8140, 3.1060, 64.8820



6.5090, 0.3650, 9.9090

Inverse Universe

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



139.7680, 24.8010, 18.6010



172.2200, 38.5080, 29.0040



153.1540, -16.1340, -26.9980



81.1470, 4.0800, 3.1520



52.1460, 68.8560, 51.7040



8.0170, 10.4980, 7.9860

Previews

White Background



This preview shows how the YIQ color 136.4250, 1.1420, 23.3660 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 136.4250, 1.1420, 23.3660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

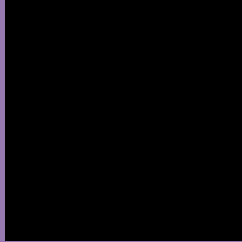
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 136.4250, 1.1420, 23.3660

Background



This preview shows how black text looks on a background with the YIQ color 136.4250, 1.1420, 23.3660.



This preview shows how white text looks on a background with the YIQ color 136.4250, 1.1420,

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

136.4250, 1.1420, 23.3660

Protanopia

133.0410, -24.4400, 13.4160

Deuteranopia

133.9940, -17.0580, 11.7900



Tritanopia

134.5220, 7.5180, 6.9260

Trichromacy



Original Color

136.4250, 1.1420, 23.3660

Protanomaly

133.9390, -15.2250, 17.1190

Deuteranomaly

134.7500, -10.3190, 16.3130

Tritanomaly

134.8410, 5.3620, 12.9620

Monochromacy



Original Color

136.4250, 1.1420, 23.3660

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

136.4550, 0.4570, 8.2410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.4250, 1.1420, 23.3660 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(152, 121, 175)` looks like.

```
.text, #text, p{  
    color:rgb(152, 121, 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(152, 121, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 121, 175) }
```

Border

The CSS property to change the border of an element to YIQ 136.4250, 1.1420, 23.3660 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(152, 121, 175) }
```


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

```
.border{ border-color:rgb(152, 121, 175) }
```

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

Here you see how a box with a 4 pixel rgb(152, 121, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 121, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 121, 175);  
box-shadow:4px 4px 4px 4px rgb(152, 121,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 136.4250, 1.1420, 23.3660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 121, 175) }
```

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

```
.background{ background-color: rgb(152,  
121, 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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