

Converting Colors

YIQ(136.3180, 35.1160, 24.3960)

Have a look what the booklet for
YIQ(136.3180, 35.1160, 24.3960)
contains.

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Color

**YIQ(136.3180, 35.1160,
24.3960)**

Conversions

Conversions Part 1

Format	Color
Hex	B96F8B
RGB	185, 111, 139
RGB Percent	73%, 44%, 55%
CMY	0.2743, 0.5648, 0.4548
CMYK	0.00, 0.40, 0.25, 0.27
HSL	337°, 35%, 58%
HSV	337°, 40%, 73%
XYZ	30.3629, 23.5475, 27.3824
YIQ	136.3180, 35.1160, 24.3960

Conversions

Conversions Part 2

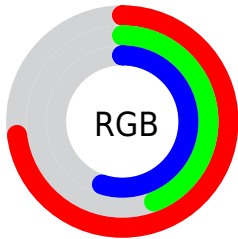
Format	Color
R_{YB}	185, 111, 139
Decimal	12152715
CIE _{Lab}	55.63, 33.04, -2.74
CIE _{LCh}	56, 33.155, 355.263
Yxy	23.5475, 0.3735, 0.2897
Android (android.graphics.Color)	4290342795 (0xFFB96F8B)
YUV	136.3180, 1.3222, 42.6941
Hunter-Lab	48.5258, 26.7687, 0.5115

Details

The YIQ color **136.3180, 35.1160, 24.3960** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **159.6820, -35.1160, -24.3960**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **190.8130, 38.0960, 25.4560**, and **84.8230, 32.1360, 23.3360** is the 20% darker color. If you saturate the color by 10%, you get **123.9110, 43.8720, 30.9120**, and if you desaturate by 10%, it is **148.2520, 26.3140, 18.7140**.

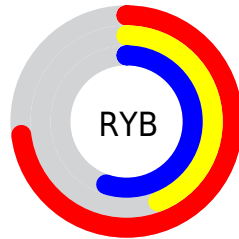
Distribution



Red (73%)

Green (44%)

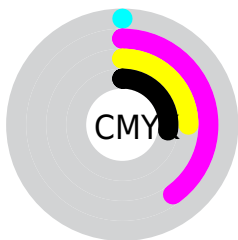
Blue (55%)



Red (73%)

Yellow (44%)

Blue (55%)

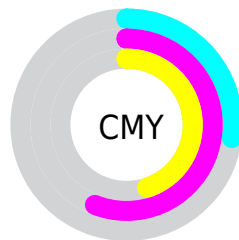


Cyan (0%)

Magenta (40%)

Yellow (25%)

Black (27%)



Cyan (27%)


Magenta (56%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 136.3180, 35.1160, 24.3960 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 136.3180, 35.1160, 24.3960 by changing the saturation by 10% instead.


 136.3180, 35.1160,
24.3960

 136.3180, 35.1160,
24.3960


255.0000, -0.0000,
-0.0000


 110.4210, 33.3280,
23.7600


 190.8130, 38.0960,
25.4560


 84.8230, 32.1360,
23.3360


 213.4420, 28.8350,
22.5870


 60.3390, 30.6230,
23.2230

 233.7710, 11.5510,
16.4390

 34.7950, 29.3390,
24.4670

 250.8910, 1.9250,
3.6610

 18.4690, 24.2050,
18.3890

 8.1870, 15.7710,
6.0350

 0.0000, 0.0000,

0.0000

■ 136.3180, 35.1160,
24.3960

■ 136.3180, 35.1160,
24.3960

■ 123.9110, 43.8720,
30.9120

■ 148.2520, 26.3140,
18.7140

■ 111.9770, 52.6740,
36.5940

■ 160.6590, 17.5580,
12.1980

■ 99.5700, 61.4300,
43.1100

■ 172.5930, 8.7560,
6.5160

■ 87.6360, 70.2320,
48.7920

■ 185.0000, -0.0000,
-0.0000

■ 75.2290, 78.9880,
55.3080

■ 196.9340, -8.8020,
-5.6820

■ 63.2950, 87.7900,
60.9900

■ 209.3410,
-17.5580, -12.1980

■ 221.8620,
-26.6350, -18.4030

■ 231.3340,
-34.0160, -22.3040

■ 232.5880,
-37.5470, -18.8830

Harmonies

Analogous

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



136.9380, 12.8790, 25.4150



136.3180, 35.1160, 24.3960



134.7950, 46.5340, 15.7020

Triad

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



136.3180, 35.1160, 24.3960



128.6860, 11.7870, -20.8930



110.7180, -87.5230, -16.2510

Complementary

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



136.3180, 35.1160, 24.3960



159.6820, -35.1160, -24.3960

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.



104.7740, -91.0970, -28.5770



136.3180, 35.1160, 24.3960



124.3220, -16.5470, -25.0190

Square

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



136.3180, 35.1160, 24.3960



131.5040, 33.1510, -11.5930



117.3150, -50.2000, -26.3600



127.1840, -50.0680, 4.3000

Rectangle

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



136.3180, 35.1160, 24.3960



134.1120, 46.7190, 6.8390



117.3150, -50.2000, -26.3600



105.4240, -95.6830, -22.5550

Sweetspot

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



136.3180, 35.1160, 24.3960



220.9250, 13.7530, 9.5690



133.1900, 3.6620, 32.7660



108.7670, 8.2060, 5.4700



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.



136.3180, 35.1160, 24.3960



164.2870, 54.7370, 37.7530



138.4090, 41.6290, 10.9810



86.0330, 4.4010, 2.8410



53.3700, 74.0370, 51.4210



9.6260, 13.1570, 9.3570

Inverse Universe

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



136.3180, 35.1160, 24.3960



164.2870, 54.7370, 37.7530



157.5910, -41.6290, -10.9810



86.0330, 4.4010, 2.8410



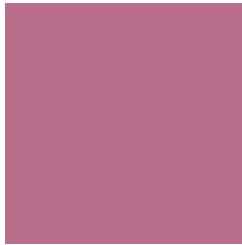
53.3700, 74.0370, 51.4210



9.6260, 13.1570, 9.3570

Previews

White Background



This preview shows how the YIQ color 136.3180, 35.1160, 24.3960 looks on a white background.

Color Contrast Check

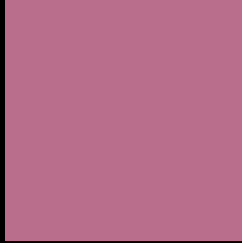
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.3180, 35.1160, 24.3960 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 136.3180, 35.1160, 24.3960

Background



This preview shows how black text looks on a background with the YIQ color 136.3180, 35.1160, 24.3960.



This preview shows how white text looks on a background with the YIQ color 136.3180, 35.1160,

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

136.3180, 35.1160, 24.3960

Protanopia

134.2690, -7.8870, 5.2730

Deuteranopia

135.4680, 7.6100, 5.2580



Tritanopia

135.5430, 38.5560, 17.1160

Trichromacy



Original Color

136.3180, 35.1160, 24.3960

Protanomaly

134.9830, 7.8380, 12.1420

Deuteranomaly

135.6590, 17.5580, 12.1980

Tritanomaly

135.9390, 37.5010, 19.7170

Monochromacy



Original Color

136.3180, 35.1160, 24.3960

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

136.2130, 12.8820, 8.8340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.3180, 35.1160, 24.3960 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(185, 111, 139)` looks like.

```
.text, #text, p{  
    color:rgb(185, 111, 139)  
}
```

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(185, 111, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 111, 139) }
```

Border

The CSS property to change the border of an element to YIQ 136.3180, 35.1160, 24.3960 is called "border". The border property can be set on classes, ids or directly on the HTML element.

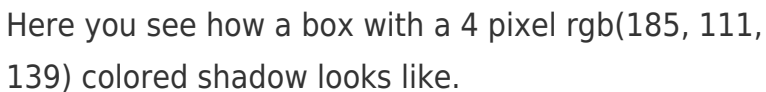
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 111, 139) }
```


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

```
.border{ border-color:rgb(185, 111, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 111, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 111, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 111, 139); box-shadow:4px 4px 4px 4px rgb(185, 111, 139) }
```

Background

The CSS property to change the background color of an element to YIQ 136.3180, 35.1160, 24.3960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 111, 139) }
```

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

```
.background{ background-color: rgb(185,  
111, 139) }
```

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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