

Converting Colors

YIQ(135.0450, 23.6040, 45.8120)

Have a look what the booklet for
YIQ(135.0450, 23.6040, 45.8120)
contains.

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Color

**YIQ(135.0450, 23.6040,
45.8120)**

Conversions

Conversions Part 1

Format	Color
Hex	BA63BB
RGB	186, 99, 187
RGB Percent	73%, 39%, 73%
CMY	0.2703, 0.6119, 0.2666
CMYK	0.01, 0.47, 0.00, 0.27
HSL	299°, 39%, 56%
HSV	299°, 47%, 73%
XYZ	33.6947, 22.9524, 49.6717
YIQ	135.0450, 23.6040, 45.8120

Conversions

Conversions Part 2

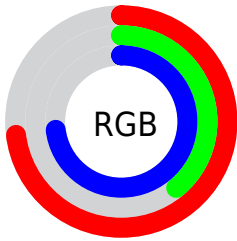
Format	Color
R_{YB}	186, 99, 187
Decimal	12215227
CIE _{Lab}	55.02, 47.74, -31.51
CIE _{LCh}	55, 57.196, 326.573
Yxy	22.9524, 0.3169, 0.2159
Android (android.graphics.Color)	4290405307 (0xFFBA63BB)
YUV	135.0450, 25.6138, 44.6875
Hunter-Lab	47.9087, 41.7007, -27.9358

Details

The YIQ color **135.0450, 23.6040, 45.8120** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **150.9550, -23.6040, -45.8120**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **190.4690, 25.3460, 47.2820**, and **81.9200, 22.4580, 44.5540** is the 20% darker color. If you saturate the color by 10%, you get **123.8920, 28.8290, 55.7490**, and if you desaturate by 10%, it is **146.1980, 18.3790, 35.8750**.

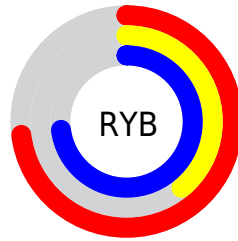
Distribution



Red (73%)

Green (39%)

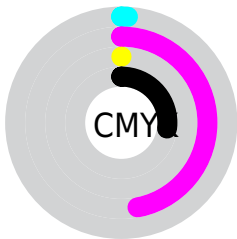
Blue (73%)



Red (73%)

Yellow (39%)

Blue (73%)

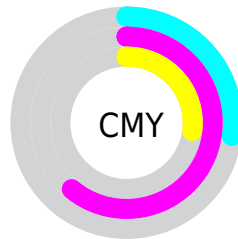


Cyan (1%)

Magenta (47%)

Yellow (0%)

Black (27%)



Cyan (27%)

Magenta (61%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.0450, 23.6040, 45.8120 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 135.0450, 23.6040, 45.8120 by changing the saturation by 10% instead.

135.0450, 23.6040,
45.8120

135.0450, 23.6040,
45.8120

255.0000, -0.0000,
-0.0000

108.3330, 22.7330,
45.0770

189.8820, 25.6210,
47.8050

81.9200, 22.4580,
44.5540

210.9750, 20.6250,
39.2250

53.3870, 22.6410,
46.7450

227.4110, 12.9250,
24.5810

32.7840, 19.8450,
42.3490

244.4340, 4.9500,
9.4140

22.6870, 12.3280,
29.8960

12.8890, 5.4070,
17.6550

2.0690, -4.4480,

3.5200

■ 0.0000, 0.0000,
0.0000

■ 135.0450, 23.6040,
45.8120

■ 135.0450, 23.6040,
45.8120

■ 123.8920, 28.8290,
55.7490

■ 146.1980, 18.3790,
35.8750

■ 113.3260, 33.7790,
65.1630

■ 156.7640, 13.4290,
26.4610

■ 101.8740, 38.4080,
74.8880

■ 168.2160, 8.8000,
16.7360

■ 90.7210, 43.6330,
84.8250

■ 179.3690, 3.5750,
6.7990

■ 79.5680, 48.8580,
94.7620

■ 189.9350, -1.3750,
-2.6150

■ 76.6330, 50.2330,
97.3770

■ 201.0880, -6.6000,
-12.5520

■ 212.2410,
-11.8250, -22.4890

■ 223.6930,
-16.4540, -32.2140

■ 227.2150,
-18.1040, -35.3520

Harmonies

Analogous

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



132.4000, -32.1000, 31.1000



135.0450, 23.6040, 45.8120



130.1510, 61.2920, 45.6120

Triad

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



135.0450, 23.6040, 45.8120



125.0390, 55.8490, -26.4790



110.9350, -98.8000, -26.6400

Complementary

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



135.0450, 23.6040, 45.8120



150.9550, -23.6040, -45.8120

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.



105.1210, -82.4290, -42.5010



135.0450, 23.6040, 45.8120



120.7890, 18.0260, -40.3580

Square

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



135.0450, 23.6040, 45.8120



128.0700, 72.9000, 0.4200



109.0330, -41.4390, -47.4790



112.4460, -109.9440, -11.8960

Rectangle

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



135.0450, 23.6040, 45.8120



128.0580, 74.3150, 35.3630



109.0330, -41.4390, -47.4790



109.1110, -93.6640, -31.6160

Sweetspot

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



135.0450, 23.6040, 45.8120



222.0420, 9.3500, 17.7820



109.6190, -28.5230, 26.8450



110.2600, 5.5000, 10.4600



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.



135.0450, 23.6040, 45.8120



162.4560, 36.5290, 70.3930



130.4420, 38.0030, 32.6510



88.7170, 2.4750, 4.7070



64.6560, 42.2580, 82.2100



12.5040, 7.9290, 16.0010

Inverse Universe

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



125.4260, 52.1270, 18.9670



147.4790, 80.1390, 28.9310



155.5580, -38.0030, -32.6510



87.6910, 5.3640, 1.9080



47.4700, 93.5260, 34.1180



9.2690, 18.4760, 6.5720

Previews

White Background



This preview shows how the YIQ color 135.0450, 23.6040, 45.8120 looks on a white background.

Color Contrast Check

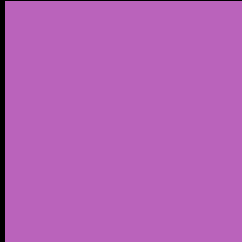
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.0450, 23.6040, 45.8120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

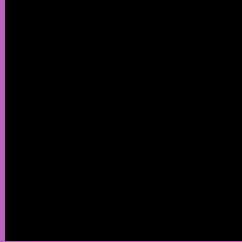
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 135.0450, 23.6040, 45.8120

Background



This preview shows how black text looks on a background with the YIQ color 135.0450, 23.6040, 45.8120.



This preview shows how white text looks on a background with the YIQ color 135.0450, 23.6040,

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

135.0450, 23.6040, 45.8120

Protanopia

129.7910, -43.9270, 19.6650

Deuteranopia

131.9270, -24.1190, 13.1050



Tritanopia

134.1620, 35.2550, 16.3670

Trichromacy



Original Color

135.0450, 23.6040, 45.8120



Protanomaly

131.5770, -19.5370, 29.1910



Deuteranomaly

133.1730, -6.8360, 24.7800



Tritanomaly

134.7460, 31.0350, 26.7710

Monochromacy



Original Color

135.0450, 23.6040, 45.8120



Achromatopsia

135.0000, -0.0000, -0.0000



Achromatomaly

135.2160, 8.8000, 16.7360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.0450, 23.6040, 45.8120 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, 99, 187)` looks like.

```
.text, #text, p{  
    color:rgb(186, 99, 187)  
}
```

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, 99, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 99, 187) }
```

Border

The CSS property to change the border of an element to YIQ 135.0450, 23.6040, 45.8120 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, 99, 187) }
```


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

```
.border{ border-color:rgb(186, 99, 187) }
```

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

Here you see how a box with a 4 pixel rgb(186, 99, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 99, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 99, 187);  
box-shadow:4px 4px 4px 4px rgb(186, 99,  
187) }
```

Background

The CSS property to change the background color of an element to YIQ 135.0450, 23.6040, 45.8120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 99, 187) }
```

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

```
.background{ background-color: rgb(186, 99,  
187) }
```

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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