

Converting Colors

YIQ(135.6170, 35.7120, 24.6080)

Have a look what the booklet for
YIQ(135.6170, 35.7120, 24.6080)
contains.

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Color

**YIQ(135.6170, 35.7120,
24.6080)**

Conversions

Conversions Part 1

Format	Color
Hex	B96E8A
RGB	185, 110, 138
RGB Percent	73%, 43%, 54%
CMY	0.2743, 0.5687, 0.4587
CMYK	0.00, 0.41, 0.25, 0.27
HSL	338°, 35%, 58%
HSV	338°, 41%, 73%
XYZ	30.1818, 23.3014, 26.9632
YIQ	135.6170, 35.7120, 24.6080

Conversions

Conversions Part 2

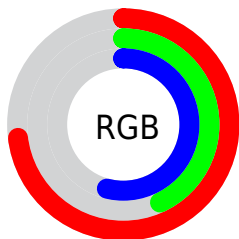
Format	Color
R_{YB}	185, 110, 138
Decimal	12152458
CIE _{Lab}	55.38, 33.44, -2.52
CIE _{LCh}	55, 33.535, 355.687
Y _{xy}	23.3014, 0.3752, 0.2897
Android (android.graphics.Color)	4290342538 (0xFFB96E8A)
YUV	135.6170, 1.1748, 43.3089
Hunter-Lab	48.2716, 27.1320, 0.6722

Details

The YIQ color **135.6170, 35.7120, 24.6080** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **159.3830, -35.7120, -24.6080**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **190.1120, 38.6920, 25.6680**, and **84.1220, 32.7320, 23.5480** is the 20% darker color. If you saturate the color by 10%, you get **123.0960, 44.7890, 30.8130**, and if you desaturate by 10%, it is **147.5510, 26.9100, 18.9260**.

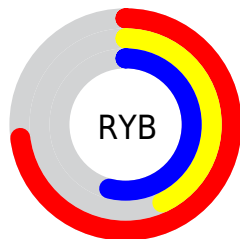
Distribution



Red (73%)

Green (43%)

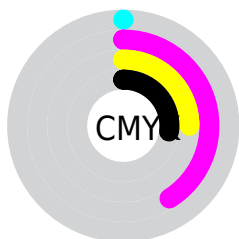
Blue (54%)



Red (73%)

Yellow (43%)

Blue (54%)

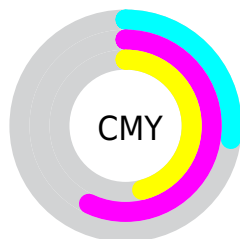


Cyan (0%)

Magenta (41%)

Yellow (25%)

Black (27%)



Cyan (27%)

Magenta (57%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 135.6170, 35.7120, 24.6080 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 135.6170, 35.7120, 24.6080 by changing the saturation by 10% instead.

135.6170, 35.7120,
24.6080

135.6170, 35.7120,
24.6080

255.0000, -0.0000,
-0.0000

109.7200, 33.9240,
23.9720

190.1120, 38.6920,
25.6680

84.1220, 32.7320,
23.5480

212.7410, 29.4310,
22.7990

59.3390, 30.6230,
23.2230

232.4830, 12.4220,
17.1740

33.5070, 30.2100,
25.2020

250.3040, 2.2000,
4.1840

18.4690, 24.2050,
18.3890

8.1870, 15.7710,
6.0350

0.0000, 0.0000,

0.0000

■ 135.6170, 35.7120,
24.6080

■ 135.6170, 35.7120,
24.6080

■ 123.0960, 44.7890,
30.8130

■ 147.5510, 26.9100,
18.9260

■ 111.2760, 53.2700,
36.8060

■ 159.9580, 18.1540,
12.4100

■ 98.7550, 62.3470,
43.0110

■ 171.8920, 9.3520,
6.7280

■ 86.9350, 70.8280,
49.0040

■ 184.2990, 0.5960,
0.2120

■ 74.4140, 79.9050,
55.2090

■ 196.2330, -8.2060,
-5.4700

■ 63.1810, 88.1110,
60.6790

■ 208.7540,
-17.2830, -11.6750

■ 221.1610,
-26.0390, -18.1910

■ 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.



136.3510, 13.1540, 25.9380



135.6170, 35.7120, 24.6080



133.7950, 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.



135.6170, 35.7120, 24.6080



127.6860, 11.7870, -20.8930



107.7390, -92.0160, -17.4240

Complementary

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



135.6170, 35.7120, 24.6080



159.3830, -35.7120, -24.6080

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



135.6170, 35.7120, 24.6080



123.9090, -16.8220, -25.5420

Square

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



135.6170, 35.7120, 24.6080



130.5040, 33.1510, -11.5930



116.0050, -52.2630, -27.5190



126.2980, -50.3890, 4.6110

Rectangle

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



135.6170, 35.7120, 24.6080



132.9980, 47.0400, 6.5280



116.0050, -52.2630, -27.5190



105.4240, -95.6830, -22.5550

Sweetspot

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



135.6170, 35.7120, 24.6080



220.9250, 13.7530, 9.5690



132.3040, 3.3410, 33.0770



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.



135.6170, 35.7120, 24.6080



162.2980, 56.2040, 38.7000



137.7080, 42.2250, 11.1930



86.0330, 4.4010, 2.8410



53.2560, 74.3580, 51.1100



9.5120, 13.4780, 9.0460

Inverse Universe

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



135.6170, 35.7120, 24.6080



162.2980, 56.2040, 38.7000



157.2920, -42.2250, -11.1930



86.0330, 4.4010, 2.8410



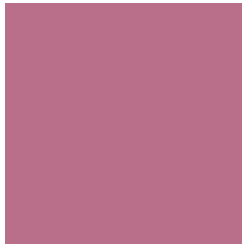
53.2560, 74.3580, 51.1100



9.5120, 13.4780, 9.0460

Previews

White Background



This preview shows how the YIQ color 135.6170, 35.7120, 24.6080 looks on a white background.

Color Contrast Check

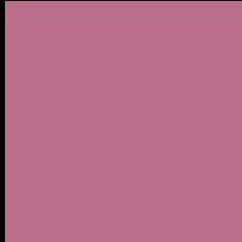
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.6170, 35.7120, 24.6080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

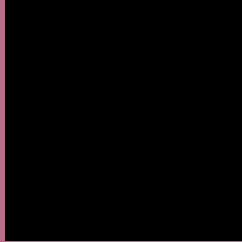
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 135.6170, 35.7120, 24.6080

Background



This preview shows how black text looks on a background with the YIQ color 135.6170, 35.7120, 24.6080.



This preview shows how white text looks on a background with the YIQ color 135.6170, 35.7120,

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

135.6170, 35.7120, 24.6080

Protanopia

133.6820, -7.6120, 5.7960

Deuteranopia

134.4680, 7.6100, 5.2580



Tritanopia

134.8420, 39.1520, 17.3280

Trichromacy



Original Color

135.6170, 35.7120, 24.6080

Protanomaly

134.3960, 8.1130, 12.6650

Deuteranomaly

134.9580, 18.1540, 12.4100

Tritanomaly

135.2380, 38.0970, 19.9290

Monochromacy



Original Color

135.6170, 35.7120, 24.6080

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 135.6170, 35.7120, 24.6080 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, 110, 138)` looks like.

```
.text, #text, p{  
    color:rgb(185, 110, 138)  
}
```

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, 110, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 110, 138) }
```

Border

The CSS property to change the border of an element to YIQ 135.6170, 35.7120, 24.6080 is called "border". The border property can be set on classes, ids or directly on the HTML element.

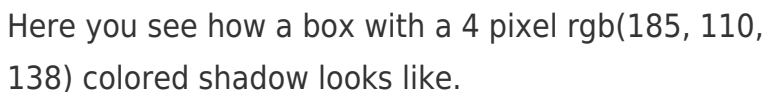
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 110, 138) }
```


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

```
.border{ border-color:rgb(185, 110, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 110, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 110, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 110, 138); box-shadow:4px 4px 4px 4px rgb(185, 110, 138) }
```

Background

The CSS property to change the background color of an element to YIQ 135.6170, 35.7120, 24.6080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 110, 138) }
```

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

```
.background{ background-color: rgb(185,  
110, 138) }
```

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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