

Converting Colors

YIQ(135.7570, 33.6430, 56.6110)

Have a look what the booklet for
YIQ(135.7570, 33.6430, 56.6110)
contains.

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Color

**YIQ(135.7570, 33.6430,
56.6110)**

Conversions

Conversions Part 1

Format	Color
Hex	CB5AC3
RGB	203, 90, 195
RGB Percent	80%, 35%, 76%
CMY	0.2036, 0.6472, 0.2352
CMYK	0.00, 0.56, 0.04, 0.20
HSL	304°, 52%, 57%
HSV	304°, 56%, 80%
XYZ	38.1558, 23.9536, 54.2501
YIQ	135.7570, 33.6430, 56.6110

Conversions

Conversions Part 2

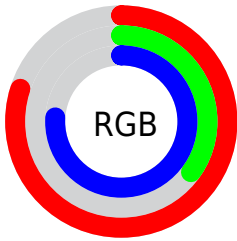
Format	Color
R _{YB}	203, 90, 195
Decimal	13327043
CIE _{Lab}	56.04, 58.32, -34.34
CIE _{LCh}	56, 67.684, 329.507
Yxy	23.9536, 0.3279, 0.2059
Android (android.graphics.Color)	4291517123 (0xFFCB5AC3)
YUV	135.7570, 29.2068, 58.9721
Hunter-Lab	48.9424, 53.5107, -31.4602

Details

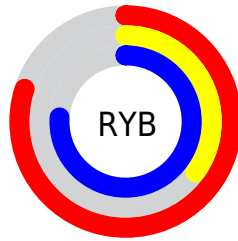
The YIQ color **135.7570, 33.6430, 56.6110** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **157.2430, -33.6430, -56.6110**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **190.0880, 31.2130, 56.5970**, and **77.9250, 33.2300, 58.5900** is the 20% darker color. If you saturate the color by 10%, you get **123.9030, 39.4640, 66.7600**, and if you desaturate by 10%, it is **147.6110, 27.8220, 46.4620**.

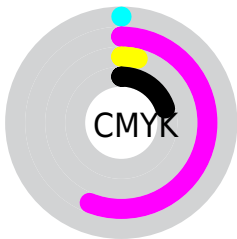
Distribution



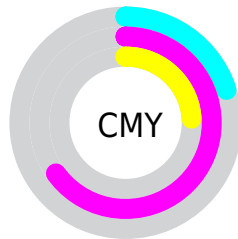
- Red (80%)
- Green (35%)
- Blue (76%)



- Red (80%)
- Yellow (35%)
- Blue (76%)



- Cyan (0%)
- Magenta (56%)
- Yellow (4%)
- Black (20%)





- Cyan (20%)
- Magenta (65%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 135.7570, 33.6430, 56.6110 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 135.7570, 33.6430, 56.6110 by changing the saturation by 10% instead.


 135.7570, 33.6430,
56.6110


 135.7570, 33.6430,
56.6110


255.0000, -0.0000,
-0.0000


 107.5720, 32.7260,
56.7100


 190.0880, 31.2130,
56.5970


 77.9250, 33.2300,
58.5900


 206.8660, 22.5500,
42.8860


 48.3920, 33.4130,
60.7810

 223.8890, 14.5750,
27.7190

 37.4690, 25.3460,
47.2820

 240.9120, 6.6000,
12.5520

 26.9590, 17.5540,
34.3060

 16.8620, 10.0370,
21.8530

 2.9810, -7.0160,

6.0080

■ 0.0000, 0.0000,
0.0000

■ 135.7570, 33.6430,
56.6110

■ 135.7570, 33.6430,
56.6110

■ 123.9030, 39.4640,
66.7600

■ 147.6110, 27.8220,
46.4620

■ 111.3480, 45.8810,
77.1210

■ 160.1660, 21.4050,
36.1010

■ 99.4940, 51.7020,
87.2700

■ 172.0200, 15.5840,
25.9520

■ 87.5260, 57.8440,
97.1080

■ 183.9880, 9.4420,
16.1140

■ 82.2430, 60.3190,
101.8150

■ 196.4290, 3.3460,
5.4420

■ 208.3970, -2.7960,
-4.3960

■ 220.2510, -8.6170,
-14.5450

■ 232.2190,
-14.7590, -24.3830

■ 234.0940,
-15.9050, -25.6410

Harmonies

Analogous

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



135.2570, -32.8350, 38.9170



135.7570, 33.6430, 56.6110



127.0870, 76.5120, 56.1280

Triad

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



135.7570, 33.6430, 56.6110



125.3350, 60.5270, -34.1690



116.2810, -105.5860, -24.8020

Complementary

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



135.7570, 33.6430, 56.6110



157.2430, -33.6430, -56.6110

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.



109.5550, -86.6470, -43.1510



135.7570, 33.6430, 56.6110



118.0860, 20.9630, -55.0450

Square

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



135.7570, 33.6430, 56.6110



128.1390, 85.6470, -4.8250



100.2530, -65.9660, -60.0300



117.8890, -118.3810, -7.6690

Rectangle

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



135.7570, 33.6430, 56.6110



125.8860, 89.7190, 42.5430



100.2530, -65.9660, -60.0300



114.1150, -99.4870, -30.7110

Sweetspot

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



135.7570, 33.6430, 56.6110



229.4170, 12.7880, 21.5560



105.2740, -31.5050, 36.8390



112.5100, 7.7920, 12.9760



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



135.7570, 33.6430, 56.6110



153.2550, 50.8770, 85.7010



129.3730, 51.6190, 39.1950



96.0160, 3.0710, 4.9190



67.1900, 49.5020, 83.0860



15.4660, 11.0920, 19.2520

Inverse Universe

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



135.7570, 33.6430, 56.6110



153.2550, 50.8770, 85.7010



163.6270, -51.6190, -39.1950



96.0160, 3.0710, 4.9190



67.1900, 49.5020, 83.0860



15.4660, 11.0920, 19.2520

Previews

White Background



This preview shows how the YIQ color 135.7570, 33.6430, 56.6110 looks on a white background.

Color Contrast Check

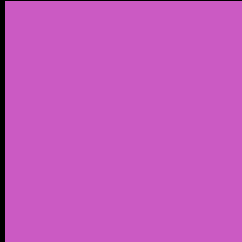
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.7570, 33.6430, 56.6110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

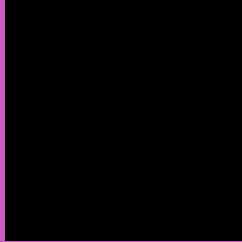
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 135.7570, 33.6430, 56.6110

Background



This preview shows how black text looks on a background with the YIQ color 135.7570, 33.6430, 56.6110.



This preview shows how white text looks on a background with the YIQ color 135.7570, 33.6430,

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

135.7570, 33.6430, 56.6110

Protanopia

131.3260, -55.6190, 22.3090

Deuteranopia

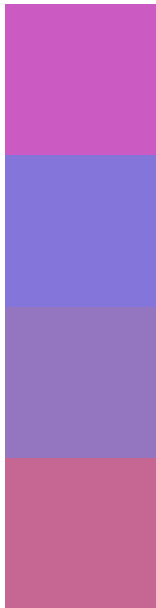
134.4860, -27.1910, 13.7130



Tritanopia

136.0280, 47.4960, 20.2960

Trichromacy



Original Color

135.7570, 33.6430, 56.6110

Protanomaly

132.9990, -23.4810, 34.5910

Deuteranomaly

134.7050, -5.2780, 29.5860

Tritanomaly

136.0080, 42.2210, 33.3010

Monochromacy



Original Color

135.7570, 33.6430, 56.6110

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

135.5910, 12.2380, 20.5100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.7570, 33.6430, 56.6110 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(203, 90, 195)` looks like.

```
.text, #text, p{  
    color:rgb(203, 90, 195)  
}
```

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(203, 90, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 90, 195) }
```

Border

The CSS property to change the border of an element to YIQ 135.7570, 33.6430, 56.6110 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(203, 90, 195) }
```


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

```
.border{ border-color:rgb(203, 90, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 90, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 90, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 90, 195);  
box-shadow:4px 4px 4px 4px rgb(203, 90,  
195) }
```

Background

The CSS property to change the background color of an element to YIQ 135.7570, 33.6430, 56.6110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 90, 195) }
```

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

```
.background{ background-color: rgb(203, 90,  
195) }
```

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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