

Converting Colors

YIQ(133.9750, 56.1560, 50.5880)

Have a look what the booklet for
YIQ(133.9750, 56.1560, 50.5880)
contains.

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Color

**YIQ(133.9750, 56.1560,
50.5880)**

Conversions

Conversions Part 1

Format	Color
Hex	DB569E
RGB	219, 86, 158
RGB Percent	86%, 34%, 62%
CMY	0.1408, 0.6629, 0.3802
CMYK	0.00, 0.61, 0.28, 0.14
HSL	328°, 65%, 60%
HSV	328°, 61%, 86%
XYZ	38.7397, 24.1911, 34.9945
YIQ	133.9750, 56.1560, 50.5880

Conversions

Conversions Part 2

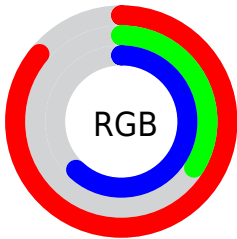
Format	Color
R _Y B	219, 86, 158
Decimal	14374558
CIE Lab	56.28, 59.17, -12.38
CIE LCh	56, 60.452, 348.184
Yxy	24.1911, 0.3956, 0.2470
Android (android.graphics.Color)	4292564638 (0xFFDB569E)
YUV	133.9750, 11.8443, 74.5669
Hunter-Lab	49.1845, 54.5210, -7.7554

Details

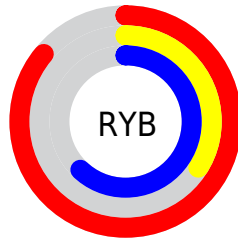
The YIQ color **133.9750, 56.1560, 50.5880** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **171.0250, -56.1560, -50.5880**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **183.8810, 44.5570, 46.0370**, and **72.9520, 54.9630, 55.6910** is the 20% darker color. If you saturate the color by 10%, you get **119.9210, 65.4160, 58.9840**, and if you desaturate by 10%, it is **148.0290, 46.8960, 42.1920**.

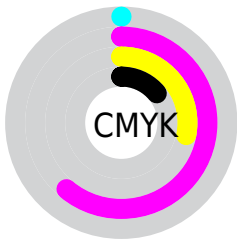
Distribution



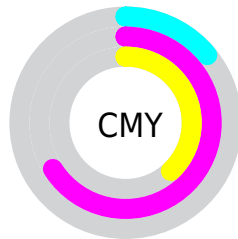
- Red (86%)
- Green (34%)
- Blue (62%)



- Red (86%)
- Yellow (34%)
- Blue (62%)



- Cyan (0%)
- Magenta (61%)
- Yellow (28%)
- Black (14%)




- Cyan (14%)
- Magenta (66%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 133.9750, 56.1560, 50.5880 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 133.9750, 56.1560, 50.5880 by changing the saturation by 10% instead.


 133.9750, 56.1560,
50.5880


 133.9750, 56.1560,
50.5880


255.0000, -0.0000,
-0.0000


 105.3170, 55.1930,
51.5210


 183.8810, 44.5570,
46.0370


 72.9520, 54.9630,
55.6910


 203.5090, 27.8690,
40.1010


 48.8160, 52.3500,
53.4860

 222.1280, 15.4000,
29.2880

 37.8220, 43.0450,
40.3970

 239.1510, 7.4250,
14.1210

 27.0560, 33.0980,
27.9300

 17.0730, 25.2600,
15.7880

 0.0000, 0.0000,

0.0000

■ 133.9750, 56.1560,
50.5880

■ 133.9750, 56.1560,
50.5880

■ 119.9210, 65.4160,
58.9840

■ 148.0290, 46.8960,
42.1920

■ 105.8670, 74.6760,
67.3800

■ 162.0830, 37.6360,
33.7960

■ 91.8130, 83.9360,
75.7760

■ 176.1370, 28.3760,
25.4000

■ 79.0470, 92.3250,
83.4370

■ 190.1910, 19.1160,
17.0040

■ 203.6580, 10.1310,
9.1310

■ 217.7120, 0.8710,
0.7350

■ 231.7660, -8.3890,
-7.6610

■ 242.2980,
-15.9990, -12.9190

■ 243.4380,
-19.2090, -9.8090

Harmonies

Analogous

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



138.6290, 10.2160, 46.1520



133.9750, 56.1560, 50.5880



130.3360, 79.4040, 36.7480

Triad

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



133.9750, 56.1560, 50.5880



124.2330, 34.2110, -41.8290



115.7400, -110.9520, -15.6560

Complementary

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



133.9750, 56.1560, 50.5880



171.0250, -56.1560, -50.5880

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.



112.8440, -97.2860, -32.0540



133.9750, 56.1560, 50.5880



116.3850, -21.9990, -47.3670

Square

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



133.9750, 56.1560, 50.5880



128.4210, 66.5770, -22.6630



105.5140, -79.4020, -47.8020



113.4210, -116.8230, -2.8630

Rectangle

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



133.9750, 56.1560, 50.5880



130.7530, 81.8830, 19.3470



105.5140, -79.4020, -47.8020



115.4320, -107.3290, -20.7450

Sweetspot

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



133.9750, 56.1560, 50.5880



225.6040, 19.3910, 17.5270



119.1020, -6.9330, 54.0830



109.4950, 12.1480, 11.1240



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.



133.9750, 56.1560, 50.5880



136.1280, 78.4350, 70.8430



126.5650, 77.0210, 30.3730



102.9730, 4.6300, 4.1980



62.4430, 72.9340, 65.9100



16.6040, 19.3910, 17.5270

Inverse Universe

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



133.9750, 56.1560, 50.5880



136.1280, 78.4350, 70.8430



178.4350, -77.0210, -30.3730



102.9730, 4.6300, 4.1980



62.4430, 72.9340, 65.9100



16.6040, 19.3910, 17.5270

Previews

White Background



This preview shows how the YIQ color 133.9750, 56.1560, 50.5880 looks on a white background.

Color Contrast Check

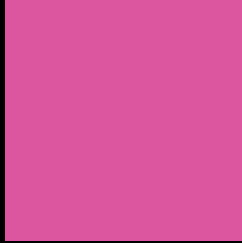
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.9750, 56.1560, 50.5880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

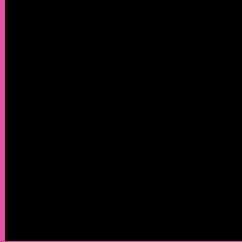
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 133.9750, 56.1560, 50.5880

Background



This preview shows how black text looks on a background with the YIQ color 133.9750, 56.1560, 50.5880.



This preview shows how white text looks on a background with the YIQ color 133.9750, 56.1560,

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

133.9750, 56.1560, 50.5880

Protanopia

135.4150, -28.4290, 14.1230

Deuteranopia

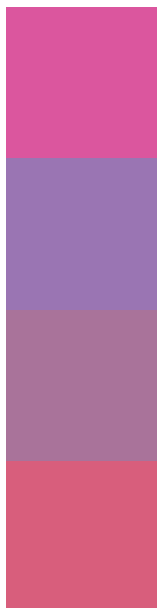
136.8570, -0.7350, 7.8170



Tritanopia

133.7810, 67.4850, 26.9810

Trichromacy



Original Color

133.9750, 56.1560, 50.5880

Protanomaly

135.1310, 2.1500, 27.1260

Deuteranomaly

135.5920, 19.6650, 23.5770

Tritanomaly

133.8980, 63.0820, 35.1940

Monochromacy



Original Color

133.9750, 56.1560, 50.5880

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

134.3160, 20.2620, 18.2620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.9750, 56.1560, 50.5880 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(219, 86, 158)` looks like.

```
.text, #text, p{  
    color:rgb(219, 86, 158)  
}
```

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(219, 86, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 86, 158) }
```

Border

The CSS property to change the border of an element to YIQ 133.9750, 56.1560, 50.5880 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(219, 86, 158) }
```


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

```
.border{ border-color:rgb(219, 86, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 86, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 86, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 86, 158);  
box-shadow:4px 4px 4px 4px rgb(219, 86,  
158) }
```

Background

The CSS property to change the background color of an element to YIQ 133.9750, 56.1560, 50.5880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 86, 158) }
```

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

```
.background{ background-color: rgb(219, 86,  
158) }
```

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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