

Converting Colors

YIQ(133.0280, 57.8050, 59.2530)

Have a look what the booklet for
YIQ(133.0280, 57.8050, 59.2530)
contains.

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Color

**YIQ(133.0280, 57.8050,
59.2530)**

Conversions

Conversions Part 1

Format	Color
Hex	E14FAA
RGB	225, 79, 170
RGB Percent	88%, 31%, 67%
CMY	0.1172, 0.6904, 0.3332
CMYK	0.00, 0.65, 0.24, 0.12
HSL	323°, 71%, 60%
HSV	323°, 65%, 88%
XYZ	41.1346, 24.5111, 40.6134
YIQ	133.0280, 57.8050, 59.2530

Conversions

Conversions Part 2

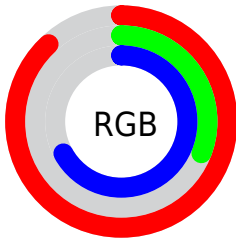
Format	Color
R _Y B	225, 79, 170
Decimal	14765994
CIE Lab	56.60, 65.29, -18.80
CIE LCh	57, 67.944, 343.934
Yxy	24.5111, 0.3871, 0.2307
Android (android.graphics.Color)	4292956074 (0xFFE14FAA)
YUV	133.0280, 18.2272, 80.6594
Hunter-Lab	49.5087, 61.6677, -13.9812

Details

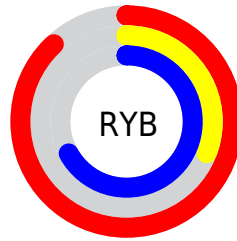
The YIQ color **133.0280, 57.8050, 59.2530** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **170.9720, -57.8050, -59.2530**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.3140, 42.0800, 52.3840**, and **63.0860, 61.0580, 71.8900** is the 20% darker color. If you saturate the color by 10%, you get **118.6150, 66.6980, 68.7940**, and if you desaturate by 10%, it is **146.9680, 48.8660, 50.5460**.

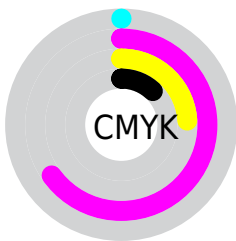
Distribution



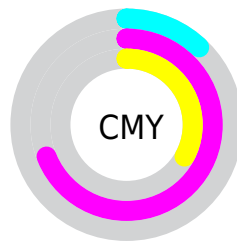
- Red (88%)
- Green (31%)
- Blue (67%)



- Red (88%)
- Yellow (31%)
- Blue (67%)



- Cyan (0%)
- Magenta (65%)
- Yellow (24%)
- Black (12%)



- Cyan (12%)
- Magenta (69%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.0280, 57.8050, 59.2530 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 133.0280, 57.8050, 59.2530 by changing the saturation by 10% instead.

133.0280, 57.8050,
59.2530

133.0280, 57.8050,
59.2530

255.0000, -0.0000,
-0.0000

102.7830, 57.1170,
60.7090

182.3140, 42.0800,
52.3840

63.0860, 61.0580,
71.8900

202.0560, 25.0710,
46.7590

51.5650, 51.7990,
57.9670

219.1930, 16.7750,
31.9030

40.4570, 42.8150,
44.5670

236.2160, 8.8000,
16.7360

29.5770, 33.1890,
31.7890

253.8260, 0.5500,
1.0460

19.4090, 24.4340,
19.7460

5.3820, 10.7280,

3.8160

■ 0.0000, 0.0000,
0.0000

■ 133.0280, 57.8050,
59.2530

■ 133.0280, 57.8050,
59.2530

■ 118.6150, 66.6980,
68.7940

■ 146.9680, 48.8660,
50.5460

■ 104.6750, 75.6370,
77.5010

■ 161.3810, 39.9730,
41.0050

■ 90.2620, 84.5300,
87.0420

■ 175.2070, 31.3550,
31.9870

■ 83.2350, 89.1600,
91.2400

■ 189.7340, 22.1410,
22.7570

■ 203.5600, 13.5230,
13.7390

■ 218.0870, 4.3090,
4.5090

■ 232.5000, -4.5840,
-5.0320

■ 244.0920,
-12.4230, -11.6470

■ 245.0040,
-14.9910, -9.1590

Harmonies

Analogous

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



139.8440, 2.4210, 49.7570



133.0280, 57.8050, 59.2530



127.5640, 87.9300, 47.4340

Triad

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



133.0280, 57.8050, 59.2530



124.3170, 42.6020, -45.2220



118.6580, -113.6570, -16.1930

Complementary

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



133.0280, 57.8050, 59.2530



170.9720, -57.8050, -59.2530

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.



114.2630, -97.1480, -34.5560



133.0280, 57.8050, 59.2530



114.9910, -15.2580, -53.8980

Square

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



133.0280, 57.8050, 59.2530



127.5380, 79.3690, -23.2150



106.0210, -76.6960, -52.7920



117.1370, -121.7750, -1.2230

Rectangle

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



133.0280, 57.8050, 59.2530



128.7700, 92.3810, 27.3330



106.0210, -76.6960, -52.7920



118.0080, -109.0710, -22.2150

Sweetspot

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



133.0280, 57.8050, 59.2530



224.7720, 18.9780, 19.5060



111.7900, -14.6820, 56.8540



109.0220, 12.1020, 11.9580



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.



133.0280, 57.8050, 59.2530



129.6370, 78.8000, 80.7520



124.8200, 80.9170, 36.8610



105.0870, 4.3090, 4.5090



65.1640, 69.5860, 71.5220



17.7720, 18.9780, 19.5060

Inverse Universe

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



133.0280, 57.8050, 59.2530



129.6370, 78.8000, 80.7520



179.1800, -80.9170, -36.8610



105.0870, 4.3090, 4.5090



65.1640, 69.5860, 71.5220



17.7720, 18.9780, 19.5060

Previews

White Background



This preview shows how the YIQ color 133.0280, 57.8050, 59.2530 looks on a white background.

Color Contrast Check

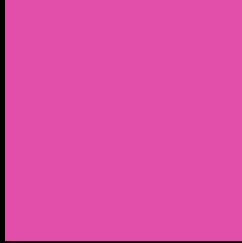
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.0280, 57.8050, 59.2530 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 133.0280, 57.8050, 59.2530

Background



This preview shows how black text looks on a background with the YIQ color 133.0280, 57.8050, 59.2530.



This preview shows how white text looks on a background with the YIQ color 133.0280, 57.8050,

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

133.0280, 57.8050, 59.2530

Protanopia

135.0040, -40.2130, 18.4350

Deuteranopia

137.5020, -6.9250, 9.8670



Tritanopia

133.5750, 71.0610, 28.2530

Trichromacy



Original Color

133.0280, 57.8050, 59.2530



Protanomaly

134.4110, -4.2700, 33.3460



Deuteranomaly

135.6720, 16.6840, 28.0440



Tritanomaly

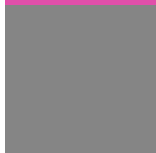
133.3870, 66.1990, 39.2790

Monochromacy



Original Color

133.0280, 57.8050, 59.2530



Achromatopsia

133.0000, 0.0000, 0.0000



Achromatomaly

132.6090, 20.9950, 21.4990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.0280, 57.8050, 59.2530 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(225, 79, 170)` looks like.

```
.text, #text, p{  
    color:rgb(225, 79, 170)  
}
```

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(225, 79, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 79, 170) }
```

Border

The CSS property to change the border of an element to YIQ 133.0280, 57.8050, 59.2530 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(225, 79, 170) }
```


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

```
.border{ border-color:rgb(225, 79, 170) }
```

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

Here you see how a box with a 4 pixel rgb(225, 79, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 79, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 79, 170);  
box-shadow:4px 4px 4px 4px rgb(225, 79,  
170) }
```

Background

The CSS property to change the background color of an element to YIQ 133.0280, 57.8050, 59.2530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 79, 170) }
```

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

```
.background{ background-color: rgb(225, 79,  
170) }
```

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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