

Converting Colors

YIQ(129.7180, 55.7420, 58.0940)

Have a look what the booklet for
YIQ(129.7180, 55.7420, 58.0940)
contains.

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Color

**YIQ(129.7180, 55.7420,
58.0940)**

Conversions

Conversions Part 1

Format	Color
Hex	DB4DA7
RGB	219, 77, 167
RGB Percent	86%, 30%, 65%
CMY	0.1408, 0.6982, 0.3449
CMYK	0.00, 0.65, 0.24, 0.14
HSL	322°, 66%, 58%
HSV	322°, 65%, 86%
XYZ	38.8720, 23.1665, 39.0008
YIQ	129.7180, 55.7420, 58.0940

Conversions

Conversions Part 2

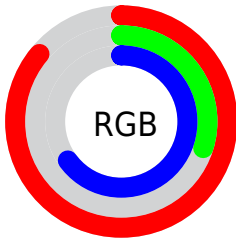
Format	Color
RYB	219, 77, 167
Decimal	14372263
CIELab	55.24, 64.05, -19.20
CIElCh	55, 66.871, 343.312
Yxy	23.1665, 0.3847, 0.2293
Android (android.graphics.Color)	4292562343 (0xFFDB4DA7)
YUV	129.7180, 18.3800, 78.3003
Hunter-Lab	48.1316, 59.9295, -14.3502

Details

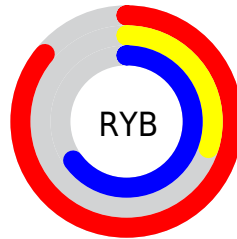
The YIQ color **129.7180, 55.7420, 58.0940** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **166.2820, -55.7420, -58.0940**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.2110, 43.8680, 53.0200**, and **60.9500, 58.4450, 69.6850** is the 20% darker color. If you saturate the color by 10%, you get **115.8920, 64.3600, 67.1120**, and if you desaturate by 10%, it is **143.5440, 47.1240, 49.0760**.

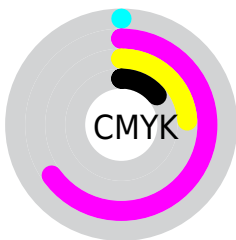
Distribution



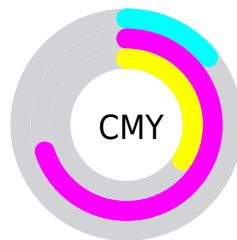
- Red (86%)
- Green (30%)
- Blue (65%)



- Red (86%)
- Yellow (30%)
- Blue (65%)



- Cyan (0%)
- Magenta (65%)
- Yellow (24%)
- Black (14%)



- Cyan (14%)
- Magenta (70%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.7180, 55.7420, 58.0940 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 129.7180, 55.7420, 58.0940 by changing the saturation by 10% instead.

129.7180, 55.7420,
58.0940

129.7180, 55.7420,
58.0940

255.0000, -0.0000,
-0.0000

99.5870, 54.7330,
59.8610

180.2110, 43.8680,
53.0200

60.9500, 58.4450,
69.6850

200.5400, 26.5840,
46.8720

49.7280, 49.7820,
55.9740

218.0190, 17.3250,
32.9490

38.4350, 39.8810,
42.6730

235.0420, 9.3500,
17.7820

27.7400, 31.1720,
29.7960

252.0650, 1.3750,
2.6150

17.2730, 21.8210,
17.5410

0.2990, 0.5960,

0.2120

■ 0.0000, 0.0000,
0.0000

■ 129.7180, 55.7420,
58.0940

■ 129.7180, 55.7420,
58.0940

■ 115.8920, 64.3600,
67.1120

■ 143.5440, 47.1240,
49.0760

■ 102.0660, 72.9780,
76.1300

■ 157.3700, 38.5060,
40.0580

■ 88.2400, 81.5960,
85.1480

■ 171.1960, 29.8880,
31.0400

■ 81.3270, 85.9050,
89.6570

■ 185.0220, 21.2700,
22.0220

■ 198.2610, 12.9270,
13.5270

■ 212.0870, 4.3090,
4.5090

■ 225.9130, -4.3090,
-4.5090

■ 239.7390,
-12.9270, -13.5270

■ 242.4120,
-16.3200, -12.6080

Harmonies

Analogous

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



135.7190, 1.2750, 48.4990



129.7180, 55.7420, 58.0940



123.7810, 85.8210, 47.1090

Triad

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



129.7180, 55.7420, 58.0940



121.3710, 42.5100, -43.5540



115.6260, -110.6310, -15.9670

Complementary

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



129.7180, 55.7420, 58.0940



166.2820, -55.7420, -58.0940

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.



111.2310, -94.1220, -34.3300



129.7180, 55.7420, 58.0940



112.4150, -13.5160, -52.4280

Square

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



129.7180, 55.7420, 58.0940



124.5810, 77.8100, -22.4940



103.2170, -74.3120, -51.9440



114.6920, -119.0240, -1.5200

Rectangle

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



129.7180, 55.7420, 58.0940



125.1010, 89.9510, 27.3190



103.2170, -74.3120, -51.9440



114.9760, -106.0450, -21.9890

Sweetspot

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



129.7180, 55.7420, 58.0940



224.7720, 18.9780, 19.5060



108.1380, -15.7820, 54.7620



109.1360, 11.7810, 12.2690



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.



129.7180, 55.7420, 58.0940



129.8650, 78.1580, 81.3740



121.8520, 77.8910, 36.6350



103.0870, 4.3090, 4.5090



64.2670, 67.7980, 70.8860



17.0600, 18.1070, 18.7710

Inverse Universe

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



129.7180, 55.7420, 58.0940



129.8650, 78.1580, 81.3740



174.1480, -77.8910, -36.6350



103.0870, 4.3090, 4.5090



64.2670, 67.7980, 70.8860



17.0600, 18.1070, 18.7710

Previews

White Background



This preview shows how the YIQ color 129.7180, 55.7420, 58.0940 looks on a white background.

Color Contrast Check

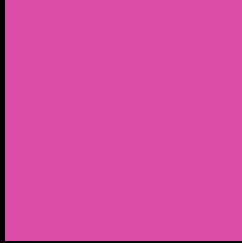
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.7180, 55.7420, 58.0940 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 129.7180, 55.7420, 58.0940

Background



This preview shows how black text looks on a background with the YIQ color 129.7180, 55.7420, 58.0940.



This preview shows how white text looks on a background with the YIQ color 129.7180, 55.7420,

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

129.7180, 55.7420, 58.0940

Protanopia

131.3030, -39.6170, 18.6470

Deuteranopia

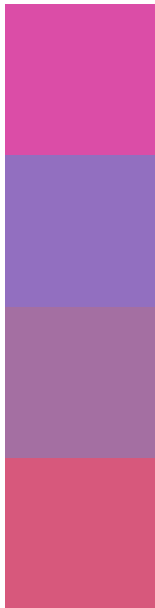
134.2030, -7.5210, 9.6550



Tritanopia

130.2650, 68.9980, 27.0940

Trichromacy



Original Color

129.7180, 55.7420, 58.0940

Protanomaly

130.6990, -5.1410, 32.6110

Deuteranomaly

132.6610, 15.2170, 27.0970

Tritanomaly

130.0770, 64.1360, 38.1200

Monochromacy



Original Color

129.7180, 55.7420, 58.0940

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

129.8970, 20.1240, 20.7640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.7180, 55.7420, 58.0940 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, 77, 167)` looks like.

```
.text, #text, p{  
    color:rgb(219, 77, 167)  
}
```

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, 77, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 77, 167) }
```

Border

The CSS property to change the border of an element to YIQ 129.7180, 55.7420, 58.0940 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, 77, 167) }
```


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

```
.border{ border-color:rgb(219, 77, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 77, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 77, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 77, 167);  
box-shadow:4px 4px 4px 4px rgb(219, 77,  
167) }
```

Background

The CSS property to change the background color of an element to YIQ 129.7180, 55.7420, 58.0940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 77, 167) }
```

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

```
.background{ background-color: rgb(219, 77,  
167) }
```

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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