

Converting Colors

YIQ(117.1230, 67.6630, 56.8070)

Have a look what the booklet for
YIQ(117.1230, 67.6630, 56.8070)
contains.

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Color

**YIQ(117.1230, 67.6630,
56.8070)**

Conversions

Conversions Part 1

Format	Color
Hex	D93E8B
RGB	217, 62, 139
RGB Percent	85%, 24%, 55%
CMY	0.1486, 0.7571, 0.4547
CMYK	0.00, 0.71, 0.36, 0.15
HSL	330°, 67%, 55%
HSV	330°, 71%, 85%
XYZ	35.0301, 20.0718, 26.4745
YIQ	117.1230, 67.6630, 56.8070

Conversions

Conversions Part 2

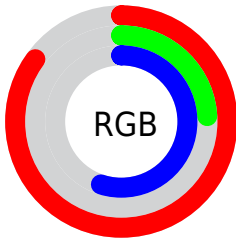
Format	Color
R_{YB}	217, 62, 139
Decimal	14237323
CIE _{Lab}	51.92, 65.73, -7.73
CIE _{LCh}	52, 66.186, 353.294
Yxy	20.0718, 0.4294, 0.2460
Android (android.graphics.Color)	4292427403 (0xFFD93E8B)
YUV	117.1230, 10.7854, 87.5921
Hunter-Lab	44.8016, 61.1651, -3.6749

Details

The YIQ color **117.1230, 67.6630, 56.8070** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **161.8770, -67.6630, -56.8070**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **169.1600, 57.0730, 50.4890**, and **57.0890, 65.0030, 60.9630** is the 20% darker color. If you saturate the color by 10%, you get **102.9550, 77.2440, 64.8920**, and if you desaturate by 10%, it is **131.2910, 58.0820, 48.7220**.

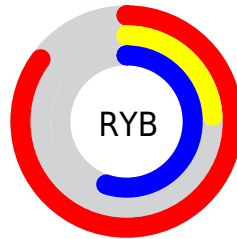
Distribution



Red (85%)

Green (24%)

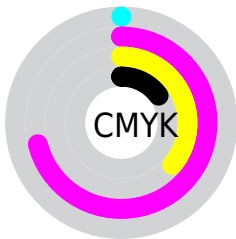
Blue (55%)



Red (85%)

Yellow (24%)

Blue (55%)

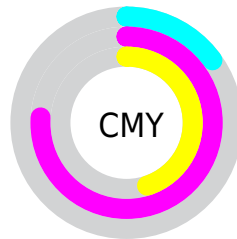


Cyan (0%)

Magenta (71%)

Yellow (36%)

Black (15%)



Cyan (15%)

Magenta (76%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.1230, 67.6630, 56.8070 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 117.1230, 67.6630, 56.8070 by changing the saturation by 10% instead.

■ 117.1230, 67.6630,
56.8070

■ 117.1230, 67.6630,
56.8070

■ 255.0000, -0.0000,
-0.0000

■ 82.9970, 68.2580,
62.5460

■ 169.1600, 57.0730,
50.4890

■ 57.0890, 65.0030,
60.9630

■ 189.3750, 40.1100,
44.0300

■ 45.7960, 55.1020,
47.6620

■ 209.7040, 22.8260,
37.8820

■ 34.6170, 44.8800,
34.6720

■ 227.4110, 12.9250,
24.5810

■ 24.2640, 35.2080,
22.7280

■ 245.0210, 4.6750,
8.8910

■ 12.9710, 25.3070,
9.4270

■ 0.0000, 0.0000,

0.0000

■ 117.1230, 67.6630,
56.8070

■ 117.1230, 67.6630,
56.8070

■ 102.9550, 77.2440,
64.8920

■ 131.2910, 58.0820,
48.7220

■ 89.3740, 86.5500,
72.4540

■ 144.8720, 48.7760,
41.1600

■ 77.1950, 94.6640,
79.5920

■ 159.0400, 39.1950,
33.0750

■ 173.2080, 29.6140,
24.9900

■ 186.7890, 20.3080,
17.4280

■ 200.9570, 10.7270,
9.3430

■ 215.1250, 1.1460,
1.2580

■ 229.1790, -8.1140,
-7.1380

■ 241.5860,
-16.8700, -13.6540

Harmonies

Analogous

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



125.8910, 21.4020, 52.6820



117.1230, 67.6630, 56.8070



114.5820, 87.5190, 38.3590

Triad

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



117.1230, 67.6630, 56.8070



110.6510, 26.9220, -47.3980



109.5110, -108.5690, -9.2810

Complementary

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



117.1230, 67.6630, 56.8070



161.8770, -67.6630, -56.8070

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.



106.5010, -94.5820, -25.9900



117.1230, 67.6630, 56.8070



90.2280, -55.6500, -59.7620

Square

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



117.1230, 67.6630, 56.8070



116.5190, 63.1850, -27.2710



99.3020, -75.6890, -43.5050



106.2630, -113.2020, 3.1020

Rectangle

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



117.1230, 67.6630, 56.8070



116.8690, 87.2480, 15.7280



99.3020, -75.6890, -43.5050



109.2030, -104.9460, -14.3700

Sweetspot

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



117.1230, 67.6630, 56.8070



220.2240, 23.5170, 19.8450



102.9920, -3.2670, 64.7410



107.2780, 14.2570, 11.4490



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.



117.1230, 67.6630, 56.8070



113.9070, 95.5350, 80.3270



108.3450, 92.3800, 32.8600



102.8590, 4.9510, 3.8870



61.5310, 75.5020, 63.4220



16.3760, 20.0330, 16.9050

Inverse Universe

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



117.1230, 67.6630, 56.8070



113.9070, 95.5350, 80.3270



170.6550, -92.3800, -32.8600



102.8590, 4.9510, 3.8870



61.5310, 75.5020, 63.4220



16.3760, 20.0330, 16.9050

Previews

White Background



This preview shows how the YIQ color 117.1230, 67.6630, 56.8070 looks on a white background.

Color Contrast Check

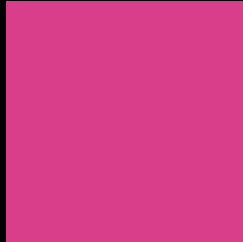
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.1230, 67.6630, 56.8070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

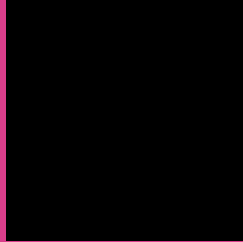
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 117.1230, 67.6630, 56.8070

Background



This preview shows how black text looks on a background with the YIQ color 117.1230, 67.6630, 56.8070.



This preview shows how white text looks on a background with the YIQ color 117.1230, 67.6630,

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

117.1230, 67.6630, 56.8070

Protanopia

124.4150, -28.4290, 14.1230

Deuteranopia

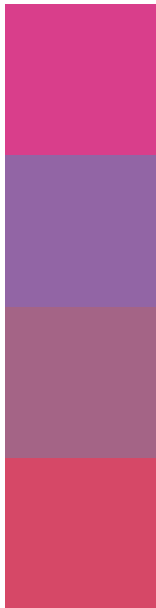
125.7280, 3.9420, 5.6540



Tritanopia

118.2340, 79.4510, 30.3870

Trichromacy



Original Color

117.1230, 67.6630, 56.8070

Protanomaly

121.7510, 6.2760, 29.4440

Deuteranomaly

123.0120, 27.2300, 24.1420

Tritanomaly

117.9920, 74.6810, 39.7450

Monochromacy



Original Color

117.1230, 67.6630, 56.8070

Achromatopsia

117.0000, -0.0000, 0.0000

Achromatomaly

116.9360, 24.3880, 20.5800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.1230, 67.6630, 56.8070 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(217, 62, 139)` looks like.

```
.text, #text, p{  
    color:rgb(217, 62, 139)  
}
```

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(217, 62, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 62, 139) }
```

Border

The CSS property to change the border of an element to YIQ 117.1230, 67.6630, 56.8070 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(217, 62, 139) }
```


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

```
.border{ border-color:rgb(217, 62, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 62, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 62, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 62, 139);  
box-shadow:4px 4px 4px 4px rgb(217, 62,  
139) }
```

Background

The CSS property to change the background color of an element to YIQ 117.1230, 67.6630, 56.8070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 62, 139) }
```

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

```
.background{ background-color: rgb(217, 62,  
139) }
```

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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