

Converting Colors

YIQ(99.1820, 69.1750, 62.4470)

Have a look what the booklet for
YIQ(99.1820, 69.1750, 62.4470)
contains.

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Color

**YIQ(99.1820, 69.1750,
62.4470)**

Conversions

Conversions Part 1

Format	Color
Hex	CC2881
RGB	204, 40, 129
RGB Percent	80%, 16%, 51%
CMY	0.1996, 0.8434, 0.4939
CMYK	0.00, 0.80, 0.37, 0.20
HSL	327°, 67%, 48%
HSV	327°, 80%, 80%
XYZ	29.6554, 15.9528, 22.3033
YIQ	99.1820, 69.1750, 62.4470

Conversions

Conversions Part 2

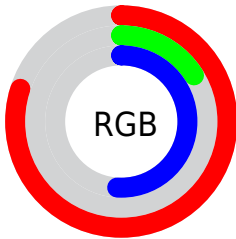
Format	Color
R_{YB}	204, 40, 129
Decimal	13379713
CIE _{Lab}	46.91, 67.95, -9.43
CIE _{LCh}	47, 68.600, 352.102
Yxy	15.9528, 0.4367, 0.2349
Android (android.graphics.Color)	4291569793 (0xFFCC2881)
YUV	99.1820, 14.7003, 91.9254
Hunter-Lab	39.9409, 62.6365, -5.1494

Details

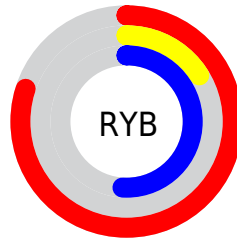
The YIQ color **99.1820, 69.1750, 62.4470** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark muted rose. A complement of this color would be **144.8180, -69.1750, -62.4470**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **158.0410, 64.9580, 56.2700**, and **52.1760, 60.1440, 55.4080** is the 20% darker color. If you saturate the color by 10%, you get **86.4160, 77.5640, 70.1080**, and if you desaturate by 10%, it is **111.9480, 60.7860, 54.7860**.

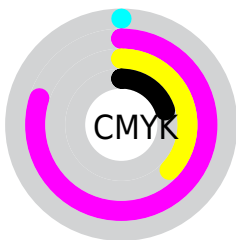
Distribution



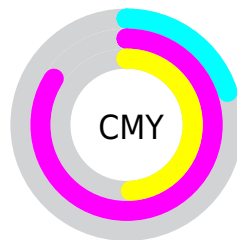
- Red (80%)
- Green (16%)
- Blue (51%)



- Red (80%)
- Yellow (16%)
- Blue (51%)



- Cyan (0%)
- Magenta (80%)
- Yellow (37%)
- Black (20%)





- Cyan (20%)
- Magenta (84%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 99.1820, 69.1750, 62.4470 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 99.1820, 69.1750, 62.4470 by changing the saturation by 10% instead.


 99.1820, 69.1750,
62.4470


 99.1820, 69.1750,
62.4470


255.0000, -0.0000,
-0.0000


 63.8820, 70.3200,
69.2320


 158.0410, 64.9580,
56.2700


 52.4750, 60.7400,
55.6200


 178.1420, 48.3160,
49.5000

 40.8830, 50.2430,
42.1070


 198.4710, 31.0320,
43.3520

 30.1170, 40.2960,
29.6400

 217.4320, 17.6000,
33.4720

 19.3080, 31.9080,
16.4520

 234.4550, 9.6250,
18.3050

 7.2900, 13.9830,
5.3990

 252.0650, 1.3750,

 0.0000, 0.0000,

2.6150

0.0000

■ 99.1820, 69.1750,
62.4470

■ 99.1820, 69.1750,
62.4470

■ 86.4160, 77.5640,
70.1080

■ 111.9480, 60.7860,
54.7860

■ 73.6500, 85.9530,
77.7690


■ 125.4150, 51.8010,
46.9130


■ 138.1810, 43.4120,
39.2520

■ 151.5340, 34.7480,
31.0680

■ 164.4140, 26.0380,
23.7180

■ 177.1800, 17.6490,
16.0570

 190.5330, 8.9850,
7.8730

 203.4130, 0.2750,
0.5230

 216.7660, -8.3890,
-7.6610

Harmonies

Analogous

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



112.1620, 19.2010, 54.0250



99.1820, 69.1750, 62.4470



97.1140, 89.0770, 43.1650

Triad

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



99.1820, 69.1750, 62.4470



99.1330, 22.7490, -43.3550



101.0990, -101.4170, -6.7370

Complementary

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



99.1820, 69.1750, 62.4470



144.8180, -69.1750, -62.4470

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.



97.2740, -86.5130, -23.5450



99.1820, 69.1750, 62.4470



80.4310, -45.9760, -58.8720

Square

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



99.1820, 69.1750, 62.4470



104.7130, 59.8830, -22.4930



89.9610, -67.2990, -41.3710



98.0790, -106.6920, 6.2680

Rectangle

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



99.1820, 69.1750, 62.4470



101.6350, 88.0270, 18.1310



89.9610, -67.2990, -41.3710



100.6770, -97.4730, -12.1370

Sweetspot

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



99.1820, 69.1750, 62.4470



216.0010, 25.7630, 23.1950



80.8220, -8.5400, 66.6920



104.3430, 15.6320, 14.0640



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.



99.1820, 69.1750, 62.4470



97.1290, 104.1980, 94.0380



89.9480, 95.1760, 37.2560



95.5600, 4.3550, 3.6750



59.8940, 70.0460, 63.1820



13.7560, 15.9070, 14.5870

Inverse Universe

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



99.1820, 69.1750, 62.4470



97.1290, 104.1980, 94.0380



154.0520, -95.1760, -37.2560



95.5600, 4.3550, 3.6750



59.8940, 70.0460, 63.1820



13.7560, 15.9070, 14.5870

Previews

White Background



This preview shows how the YIQ color 99.1820, 69.1750, 62.4470 looks on a white 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

Black Background



This preview shows how the YIQ color 99.1820, 69.1750, 62.4470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

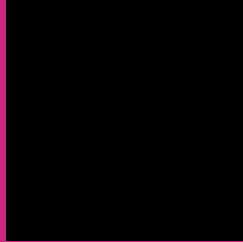
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 99.1820, 69.1750, 62.4470

Background



This preview shows how black text looks on a background with the YIQ color 99.1820, 69.1750, 62.4470.



This preview shows how white text looks on a background with the YIQ color 99.1820, 69.1750,

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

99.1820, 69.1750, 62.4470

Protanopia

110.8320, -33.9770, 15.5510

Deuteranopia

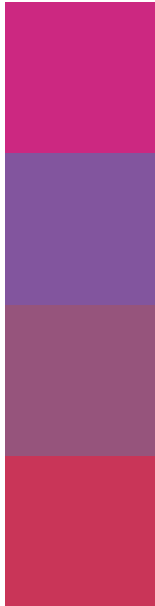
113.3580, 2.1080, 5.8520



Tritanopia

102.9030, 81.8810, 30.4010

Trichromacy



Original Color

99.1820, 69.1750, 62.4470

Protanomaly

106.7770, 3.3870, 32.2430

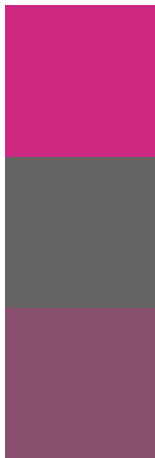
Deuteranomaly

108.2940, 26.4960, 26.4320

Tritanomaly

101.2420, 76.9730, 42.2610

Monochromacy



Original Color

99.1820, 69.1750, 62.4470

Achromatopsia

99.0000, -0.0000, 0.0000

Achromatomaly

99.2890, 24.8920, 22.4600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.1820, 69.1750, 62.4470 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(204, 40, 129)` looks like.

```
.text, #text, p{  
    color:rgb(204, 40, 129)  
}
```

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(204, 40, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 40, 129) }
```

Border

The CSS property to change the border of an element to YIQ 99.1820, 69.1750, 62.4470 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(204, 40, 129) }
```


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

```
.border{ border-color:rgb(204, 40, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 40, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 40, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 40, 129);  
box-shadow:4px 4px 4px 4px rgb(204, 40,  
129) }
```

Background

The CSS property to change the background color of an element to YIQ 99.1820, 69.1750, 62.4470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 40, 129) }
```

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

```
.background{ background-color: rgb(204, 40,  
129) }
```

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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