

Converting Colors

YIQ(127.9960, 42.4950, 39.3510)

Have a look what the booklet for
YIQ(127.9960, 42.4950, 39.3510)
contains.

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Color

**YIQ(127.9960, 42.4950,
39.3510)**

Conversions

Conversions Part 1

Format	Color
Hex	C15B94
RGB	193, 91, 148
RGB Percent	76%, 36%, 58%
CMY	0.2429, 0.6433, 0.4195
CMYK	0.00, 0.53, 0.23, 0.24
HSL	326°, 45%, 56%
HSV	326°, 53%, 76%
XYZ	31.0957, 20.9608, 30.4371
YIQ	127.9960, 42.4950, 39.3510

Conversions

Conversions Part 2

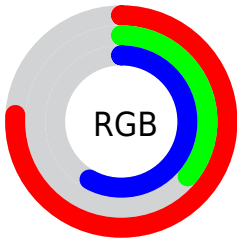
Format	Color
R_{YB}	193, 91, 148
Decimal	12671892
CIE _{Lab}	52.91, 47.52, -11.97
CIE _{LCh}	53, 49.000, 345.865
Yxy	20.9608, 0.3769, 0.2541
Android (android.graphics.Color)	4290861972 (0xFFC15B94)
YUV	127.9960, 9.8620, 57.0085
Hunter-Lab	45.7829, 41.1166, -7.3687

Details

The YIQ color **127.9960, 42.4950, 39.3510** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **156.0040, -42.4950, -39.3510**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **183.4910, 45.4750, 40.4110**, and **73.7400, 40.3400, 39.8600** is the 20% darker color. If you saturate the color by 10%, you get **115.9310, 50.2880, 46.8000**, and if you desaturate by 10%, it is **140.1750, 34.3810, 32.2130**.

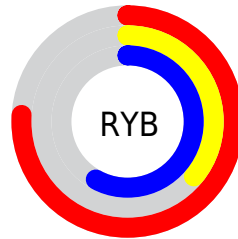
Distribution



Red (76%)

Green (36%)

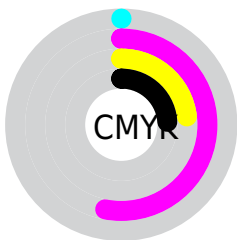
Blue (58%)



Red (76%)

Yellow (36%)

Blue (58%)

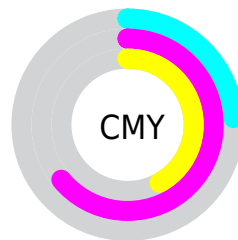


Cyan (0%)

Magenta (53%)

Yellow (23%)

Black (24%)



Cyan (24%)


Magenta (64%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 127.9960, 42.4950, 39.3510 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 127.9960, 42.4950, 39.3510 by changing the saturation by 10% instead.


 127.9960, 42.4950,
39.3510


 127.9960, 42.4950,
39.3510


255.0000, -0.0000,
-0.0000


 101.3980, 41.3030,
38.9270


 183.4910, 45.4750,
40.4110

 73.7400, 40.3400,
39.8600


 203.4290, 30.8500,
35.6340


 41.0270, 41.2100,
46.1220

 222.7150, 15.1250,
28.7650

 30.6310, 33.0970,
33.4570

 239.7380, 7.1500,
13.5980

 20.7620, 24.9380,
21.6260

 9.3830, 18.1550,
6.8830

 0.0000, 0.0000,

0.0000

■ 127.9960, 42.4950,
39.3510

■ 127.9960, 42.4950,
39.3510

■ 115.9310, 50.2880,
46.8000

■ 140.1750, 34.3810,
32.2130

■ 103.1650, 58.6770,
54.4610

■ 152.8270, 26.3130,
24.2410

■ 90.9860, 66.7910,
61.5990

■ 165.0060, 18.1990,
17.1030

■ 78.9210, 74.5840,
69.0480

■ 177.0710, 10.4060,
9.6540

■ 70.0190, 80.3600,
74.5040

■ 189.2500, 2.2920,
2.5160

■ 201.9020, -5.7760,
-5.4560

■ 214.0810,
-13.8900, -12.5940

■ 226.1460,
-21.6830, -20.0430

■ 233.0420,
-27.3220, -22.4740

Harmonies

Analogous

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



130.2550, 5.0370, 35.3810



127.9960, 42.4950, 39.3510



125.3230, 63.0830, 29.6670

Triad

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



127.9960, 42.4950, 39.3510



119.6150, 27.7440, -29.2480



105.7320, -99.3060, -17.4660

Complementary

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



127.9960, 42.4950, 39.3510



156.0040, -42.4950, -39.3510

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.



103.1610, -87.9330, -30.8530



127.9960, 42.4950, 39.3510



113.7980, -12.5560, -36.7800

Square

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



127.9960, 42.4950, 39.3510



122.9870, 53.6000, -13.2480



97.5580, -73.5340, -44.0140



104.1310, -104.4430, -6.9630

Rectangle

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



127.9960, 42.4950, 39.3510



124.8590, 66.8450, 16.5490



97.5580, -73.5340, -44.0140



105.6520, -96.3250, -21.9330

Sweetspot

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



127.9960, 42.4950, 39.3510



224.4680, 16.7780, 15.3220



115.7840, -6.5180, 41.0500



109.6580, 10.1310, 9.1310



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



127.9960, 42.4950, 39.3510



149.2740, 65.9200, 60.8640



122.2960, 58.5450, 23.8010



90.6740, 4.0340, 3.9860



58.3990, 67.0660, 62.1220



12.0330, 13.5690, 12.9050

Inverse Universe

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



127.9960, 42.4950, 39.3510



149.2740, 65.9200, 60.8640



161.7040, -58.5450, -23.8010



90.6740, 4.0340, 3.9860



58.3990, 67.0660, 62.1220



12.0330, 13.5690, 12.9050

Previews

White Background



This preview shows how the YIQ color 127.9960, 42.4950, 39.3510 looks on a white background.

Color Contrast Check

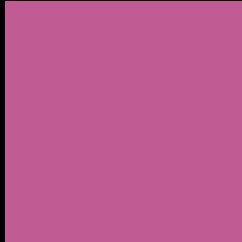
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.9960, 42.4950, 39.3510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

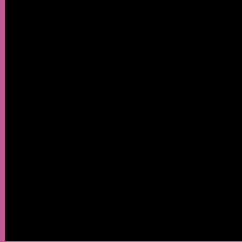
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 127.9960, 42.4950, 39.3510

Background



This preview shows how black text looks on a background with the YIQ color 127.9960, 42.4950, 39.3510.



This preview shows how white text looks on a background with the YIQ color 127.9960, 42.4950,

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

127.9960, 42.4950, 39.3510

Protanopia

126.7700, -22.2390, 12.0730

Deuteranopia

127.9710, -1.0560, 8.1280



Tritanopia

127.4090, 50.7970, 21.0450

Trichromacy



Original Color

127.9960, 42.4950, 39.3510

Protanomaly

127.3710, 1.2340, 21.6980

Deuteranomaly

127.7330, 14.7140, 19.6900

Tritanomaly

127.6570, 47.4030, 27.4910

Monochromacy



Original Color

127.9960, 42.4950, 39.3510

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

128.3430, 15.6320, 14.0640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.9960, 42.4950, 39.3510 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(193, 91, 148)` looks like.

```
.text, #text, p{  
    color:rgb(193, 91, 148)  
}
```

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(193, 91, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 91, 148) }
```

Border

The CSS property to change the border of an element to YIQ 127.9960, 42.4950, 39.3510 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(193, 91, 148) }
```


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

```
.border{ border-color:rgb(193, 91, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 91, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 91, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 91, 148);  
box-shadow:4px 4px 4px 4px rgb(193, 91,  
148) }
```

Background

The CSS property to change the background color of an element to YIQ 127.9960, 42.4950, 39.3510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 91, 148) }
```

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

```
.background{ background-color: rgb(193, 91,  
148) }
```

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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