

Converting Colors

YIQ(99.4940, 51.7020, 87.2700)

Have a look what the booklet for
YIQ(99.4940, 51.7020, 87.2700)
contains.

YIQ(99.4940, 51.7020, 87.2700)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(99.4940, 51.7020,
87.2700)**

Conversions

Conversions Part 1

Format	Color
Hex	CB1DBF
RGB	203, 29, 191
RGB Percent	80%, 11%, 75%
CMY	0.2034, 0.8865, 0.2509
CMYK	0.00, 0.86, 0.06, 0.20
HSL	304°, 75%, 46%
HSV	304°, 86%, 80%
XYZ	34.5082, 17.3526, 50.8325
YIQ	99.4940, 51.7020, 87.2700

Conversions

Conversions Part 2

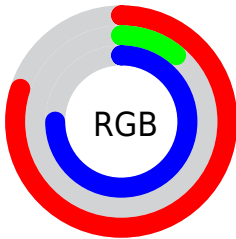
Format	Color
R_{YB}	203, 29, 191
Decimal	13311423
CIE _{Lab}	48.70, 77.81, -43.60
CIE _{LCh}	49, 89.193, 330.738
Yxy	17.3526, 0.3360, 0.1690
Android (android.graphics.Color)	4291501503 (0xFFCB1DBF)
YUV	99.4940, 45.1125, 90.7748
Hunter-Lab	41.6565, 74.9704, -43.1909

Details

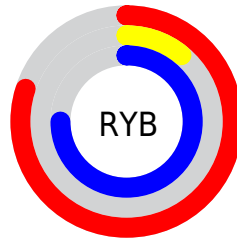
The YIQ color **99.4940, 51.7020, 87.2700** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle washed rose. A complement of this color would be **132.5060, -51.7020, -87.2700**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **163.2170, 44.8720, 78.8880**, and **58.6740, 41.8470, 73.1350** is the 20% darker color. If you saturate the color by 10%, you get **87.6400, 57.5230, 97.4190**, and if you desaturate by 10%, it is **111.3480, 45.8810, 77.1210**.

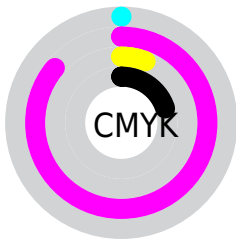
Distribution



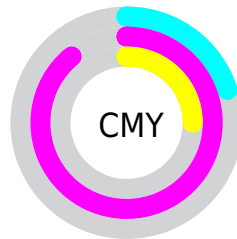
- Red (80%)
- Green (11%)
- Blue (75%)



- Red (80%)
- Yellow (11%)
- Blue (75%)



- Cyan (0%)
- Magenta (86%)
- Yellow (6%)
- Black (20%)





- Cyan (20%)
- Magenta (89%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 99.4940, 51.7020, 87.2700 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 99.4940, 51.7020, 87.2700 by changing the saturation by 10% instead.


 99.4940, 51.7020,
87.2700


 99.4940, 51.7020,
87.2700


255.0000, -0.0000,
-0.0000


 70.7220, 51.0600,
87.8920


 163.2170, 44.8720,
78.8880


 58.6740, 41.8470,
73.1350


 181.6250, 34.3750,
65.3750


 47.3380, 33.5050,
59.1130


 199.2350, 26.1250,
49.6850

 35.8170, 24.2460,
45.1900

 216.8450, 17.8750,
33.9950

 25.3070, 16.4540,
32.2140

 233.8680, 9.9000,
18.8280

 13.7150, 5.9570,
18.7010

 252.0650, 1.3750,

 2.4110, -5.4110,

2.6150

4.4530

■ 0.0000, 0.0000,
0.0000

■ 99.4940, 51.7020,
87.2700

■ 99.4940, 51.7020,
87.2700

■ 87.6400, 57.5230,
97.4190

■ 111.3480, 45.8810,
77.1210

■ 82.2430, 60.3190,
101.8150

■ 123.9030, 39.4640,
66.7600

■ 135.7570, 33.6430,
56.6110

■ 147.7250, 27.5010,
46.7730

■ 160.1660, 21.4050,
36.1010

■ 172.0200, 15.5840,
25.9520

■ 183.9880, 9.4420,
16.1140

■ 195.8420, 3.6210,
5.9650

■ 208.3970, -2.7960,
-4.3960

Harmonies

Analogous

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



112.7520, -47.0500, 48.7420



99.4940, 51.7020, 87.2700



85.0980, 105.4830, 87.2670

Triad

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



99.4940, 51.7020, 87.2700



108.7780, 52.0900, -29.9420



107.5900, -101.7820, -16.6460

Complementary

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



99.4940, 51.7020, 87.2700



132.5060, -51.7020, -87.2700

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.



98.3390, -77.1110, -39.7590



99.4940, 51.7020, 87.2700



95.1250, -1.1360, -56.5280

Square

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



99.4940, 51.7020, 87.2700



105.2760, 95.6870, 0.4470



86.1870, -48.4050, -64.4130



111.1530, -118.7040, 3.6960

Rectangle

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



99.4940, 51.7020, 87.2700



79.5120, 121.2120, 72.0280



86.1870, -48.4050, -64.4130



104.8540, -94.0780, -24.1100

Sweetspot

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



99.4940, 51.7020, 87.2700



215.6880, 19.7550, 32.9630



52.4240, -48.7020, 56.6580



104.1780, 11.9630, 19.9870



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.



99.4940, 51.7020, 87.2700



103.2630, 75.9030, 127.7670



89.5760, 79.6290, 60.2130



96.0160, 3.0710, 4.9190



67.1900, 49.5020, 83.0860



15.4660, 11.0920, 19.2520

Inverse Universe

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



99.4940, 51.7020, 87.2700



103.2630, 75.9030, 127.7670



142.4240, -79.6290, -60.2130



96.0160, 3.0710, 4.9190



67.1900, 49.5020, 83.0860



15.4660, 11.0920, 19.2520

Previews

White Background



This preview shows how the YIQ color 99.4940, 51.7020, 87.2700 looks on a white background.

Color Contrast Check

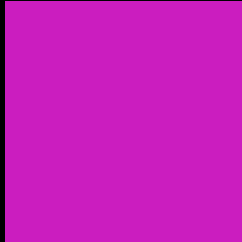
Large Text (above 18pt) WCAG AA ✓ Pass

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 99.4940, 51.7020, 87.2700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

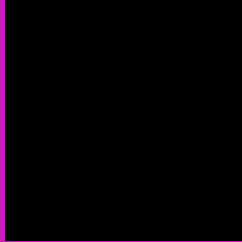
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 99.4940, 51.7020, 87.2700

Background



This preview shows how black text looks on a background with the YIQ color 99.4940, 51.7020, 87.2700.



This preview shows how white text looks on a background with the YIQ color 99.4940, 51.7020,

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

99.4940, 51.7020, 87.2700

Protanopia

92.9900, -107.5190, 15.7530

Deuteranopia

113.7280, -39.6160, 13.1200



Tritanopia

113.3570, 65.7430, 25.5110

Trichromacy



Original Color

99.4940, 51.7020, 87.2700



Protanomaly

95.5680, -49.7080, 41.8440



Deuteranomaly

108.2570, -6.4720, 40.2160



Tritanomaly

108.4330, 60.5580, 47.9020

Monochromacy



Original Color

99.4940, 51.7020, 87.2700



Achromatopsia

99.0000, -0.0000, 0.0000



Achromatomaly

99.4490, 18.9300, 31.3940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.4940, 51.7020, 87.2700 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(203, 29, 191)` looks like.

```
.text, #text, p{  
    color:rgb(203, 29, 191)  
}
```

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(203, 29, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 29, 191) }
```

Border

The CSS property to change the border of an element to YIQ 99.4940, 51.7020, 87.2700 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(203, 29, 191) }
```


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

```
.border{ border-color:rgb(203, 29, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 29, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 29, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 29, 191);  
box-shadow:4px 4px 4px 4px rgb(203, 29,  
191) }
```

Background

The CSS property to change the background color of an element to YIQ 99.4940, 51.7020, 87.2700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 29, 191) }
```

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

```
.background{ background-color: rgb(203, 29,  
191) }
```

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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