

Converting Colors

YIQ(96.8790, 58.3480, 98.9880)

Have a look what the booklet for
YIQ(96.8790, 58.3480, 98.9880)
contains.

YIQ(96.8790, 58.3480, 98.9880)	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(96.8790, 58.3480,
98.9880)**

Conversions

Conversions Part 1

Format	Color
Hex	D611C9
RGB	214, 17, 201
RGB Percent	84%, 7%, 79%
CMY	0.1602, 0.9336, 0.2117
CMYK	0.00, 0.92, 0.06, 0.16
HSL	304°, 85%, 45%
HSV	304°, 92%, 84%
XYZ	38.5195, 18.9350, 56.8970
YIQ	96.8790, 58.3480, 98.9880

Conversions

Conversions Part 2

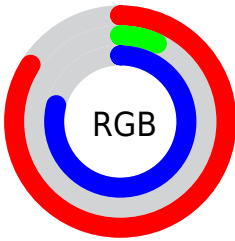
Format	Color
R_{YB}	214, 17, 201
Decimal	14029257
CIE _{Lab}	50.61, 82.90, -46.24
CIE _{LCh}	51, 94.923, 330.844
Yxy	18.9350, 0.3369, 0.1656
Android (android.graphics.Color)	4292219337 (0xFFD611C9)
YUV	96.8790, 51.3317, 102.7151
Hunter-Lab	43.5144, 81.8603, -47.0643

Details

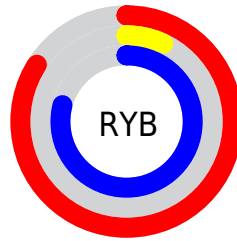
The YIQ color **96.8790, 58.3480, 98.9880** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **134.1210, -58.3480, -98.9880**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **163.4280, 42.9000, 81.5880**, and **62.6900, 44.9180, 78.0540** is the 20% darker color. If you saturate the color by 10%, you get **86.7860, 63.3440, 107.5680**, and if you desaturate by 10%, it is **109.3200, 52.2520, 88.3160**.

Distribution



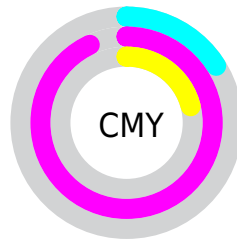
- Red (84%)
- Green (7%)
- Blue (79%)



- Red (84%)
- Yellow (7%)
- Blue (79%)



- Cyan (0%)
- Magenta (92%)
- Yellow (6%)
- Black (16%)





- Cyan (16%)
- Magenta (93%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 96.8790, 58.3480, 98.9880 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 96.8790, 58.3480, 98.9880 by changing the saturation by 10% instead.


 96.8790, 58.3480,
98.9880


 96.8790, 58.3480,
98.9880


255.0000, -0.0000,
-0.0000


 74.7380, 54.1310,
92.8110


 163.4280, 42.9000,
81.5880


 62.9890, 45.5140,
78.2660


 181.0380, 34.6500,
65.8980

 51.0550, 35.9800,
63.8200


 199.2350, 26.1250,
49.6850

 39.8330, 27.3170,
50.1090

 216.8450, 17.8750,
33.9950

 28.9100, 19.2500,
36.6100

 234.4550, 9.6250,
18.3050

 17.3180, 8.7530,
23.0970

 252.0650, 1.3750,

 3.4370, -8.3000,

2.6150

7.2520

■ 0.0000, 0.0000,
0.0000

■ 96.8790, 58.3480,
98.9880

■ 96.8790, 58.3480,
98.9880

■ 86.7860, 63.3440,
107.5680

■ 109.3200, 52.2520,
88.3160

■ 122.4620, 45.5600,
77.4320

■ 134.9030, 39.4640,
66.7600

■ 148.0450, 32.7720,
55.8760

■ 160.4860, 26.6760,
45.2040

■ 173.0410, 20.2590,
34.8430

■ 186.0690, 13.8880,
23.6480

■ 198.5100, 7.7920,
12.9760

■ 211.6520, 1.1000,
2.0920

Harmonies

Analogous

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



115.9090, -48.9300, 49.7740



96.8790, 58.3480, 98.9880



89.5550, 111.6260, 91.5780

Triad

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



96.8790, 58.3480, 98.9880



113.2080, 53.6950, -31.4970



112.3660, -106.9630, -16.3630

Complementary

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



96.8790, 58.3480, 98.9880



134.1210, -58.3480, -98.9880

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.



103.0180, -80.6410, -41.8650



96.8790, 58.3480, 98.9880



98.0490, -3.9780, -60.0900

Square

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



96.8790, 58.3480, 98.9880



109.1410, 100.5010, 1.3090



90.0680, -49.6880, -68.6960



115.9460, -122.5550, 1.9010

Rectangle

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



96.8790, 58.3480, 98.9880



83.6270, 128.3180, 75.4060



90.0680, -49.6880, -68.6960



109.4020, -98.6170, -24.4490

Sweetspot

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



96.8790, 58.3480, 98.9880



212.7530, 21.1300, 35.5780



42.4480, -57.2770, 63.3870



101.8300, 13.0630, 22.0790



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.



96.8790, 58.3480, 98.9880



103.3770, 75.5820, 128.0780



86.0490, 88.8430, 69.4430



100.4290, 3.3460, 5.4420



69.2550, 50.8770, 85.7010



17.4170, 12.7880, 21.5560

Inverse Universe

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



96.8790, 58.3480, 98.9880



103.3770, 75.5820, 128.0780



144.9510, -88.8430, -69.4430



100.4290, 3.3460, 5.4420



69.2550, 50.8770, 85.7010



17.4170, 12.7880, 21.5560

Previews

White Background



This preview shows how the YIQ color 96.8790, 58.3480, 98.9880 looks on a white background.

Color Contrast Check

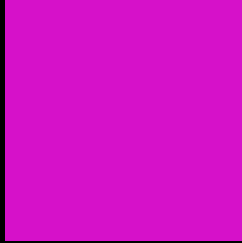
Large Text (above 18pt) WCAG AA ✓ Pass

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 96.8790, 58.3480, 98.9880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

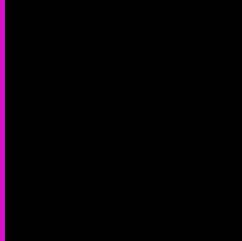
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 96.8790, 58.3480, 98.9880

Background



This preview shows how black text looks on a background with the YIQ color 96.8790, 58.3480, 98.9880.



This preview shows how white text looks on a background with the YIQ color 96.8790, 58.3480,

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

96.8790, 58.3480, 98.9880

Protanopia

96.9510, -111.7830, 15.9370

Deuteranopia

118.2870, -42.6880, 13.7280



Tritanopia

117.3470, 71.7030, 27.6310

Trichromacy



Original Color

96.8790, 58.3480, 98.9880



Protanomaly

97.2030, -49.9380, 46.0140



Deuteranomaly

110.4900, -5.5100, 44.8100



Tritanomaly

109.8300, 66.9300, 53.5700

Monochromacy



Original Color

96.8790, 58.3480, 98.9880



Achromatopsia

97.0000, -0.0000, 0.0000



Achromatomaly

97.1660, 21.4050, 36.1010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 96.8790, 58.3480, 98.9880 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(214, 17, 201)` looks like.

```
.text, #text, p{  
    color:rgb(214, 17, 201)  
}
```

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(214, 17, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 17, 201) }
```

Border

The CSS property to change the border of an element to YIQ 96.8790, 58.3480, 98.9880 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(214, 17, 201) }
```


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

```
.border{ border-color:rgb(214, 17, 201) }
```

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

Here you see how a box with a 4 pixel rgb(214, 17, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 17, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 17, 201);  
box-shadow:4px 4px 4px 4px rgb(214, 17,  
201) }
```

Background

The CSS property to change the background color of an element to YIQ 96.8790, 58.3480, 98.9880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 17, 201) }
```

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

```
.background{ background-color: rgb(214, 17,  
201) }
```

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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