

Converting Colors

YIQ(98.6290, 56.0560, 96.4720)

Have a look what the booklet for
YIQ(98.6290, 56.0560, 96.4720)
contains.

YIQ(98.6290, 56.0560, 96.4720)	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(98.6290, 56.0560,
96.4720)**

Conversions

Conversions Part 1

Format	Color
Hex	D415C9
RGB	212, 21, 201
RGB Percent	83%, 8%, 79%
CMY	0.1681, 0.9179, 0.2117
CMYK	0.00, 0.90, 0.05, 0.17
HSL	303°, 82%, 46%
HSV	303°, 90%, 83%
XYZ	38.0049, 18.7700, 56.8913
YIQ	98.6290, 56.0560, 96.4720

Conversions

Conversions Part 2

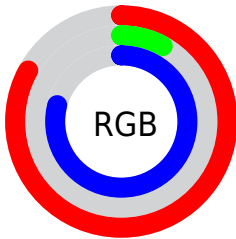
Format	Color
R_{YB}	212, 21, 201
Decimal	13899209
CIE _{Lab}	50.42, 82.08, -46.57
CIE _{LCh}	50, 94.371, 330.428
Yxy	18.7700, 0.3344, 0.1651
Android (android.graphics.Color)	4292089289 (0xFFD415C9)
YUV	98.6290, 50.4689, 99.4264
Hunter-Lab	43.3243, 80.7657, -47.5296

Details

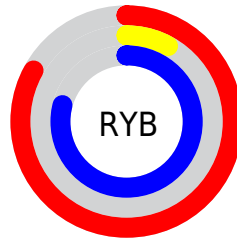
The YIQ color **98.6290, 56.0560, 96.4720** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **134.3710, -56.0560, -96.4720**, and the grayscale version is **98.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **163.4280, 42.9000, 81.5880**, and **62.3910, 44.3220, 77.8420** is the 20% darker color. If you saturate the color by 10%, you get **86.1880, 62.1520, 107.1440**, and if you desaturate by 10%, it is **111.0700, 49.9600, 85.8000**.

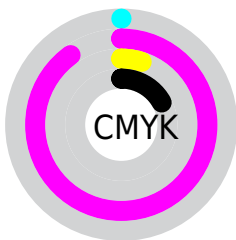
Distribution



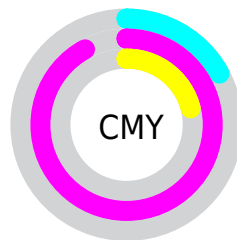
- Red (83%)
- Green (8%)
- Blue (79%)



- Red (83%)
- Yellow (8%)
- Blue (79%)



- Cyan (0%)
- Magenta (90%)
- Yellow (5%)
- Black (17%)



- Cyan (17%)
- Magenta (92%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 98.6290, 56.0560, 96.4720 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 98.6290, 56.0560, 96.4720 by changing the saturation by 10% instead.

98.6290, 56.0560,
96.4720

98.6290, 56.0560,
96.4720

255.0000, -0.0000,
-0.0000

74.1400, 52.9390,
92.3870

163.4280, 42.9000,
81.5880

62.3910, 44.3220,
77.8420

181.6250, 34.3750,
65.3750

50.7560, 35.3840,
63.6080

199.2350, 26.1250,
49.6850

39.2350, 26.1250,
49.6850

216.8450, 17.8750,
33.9950

28.6110, 18.6540,
36.3980

234.4550, 9.6250,
18.3050

16.7200, 7.5610,
22.6730

252.6520, 1.1000,

3.4370, -8.3000,

2.0920

7.2520

■ 0.0000, 0.0000,
0.0000

■ 98.6290, 56.0560,
96.4720

■ 98.6290, 56.0560,
96.4720

■ 86.1880, 62.1520,
107.1440

■ 111.0700, 49.9600,
85.8000

■ 123.5110, 43.8640,
75.1280

■ 136.6530, 37.1720,
64.2440

■ 149.0940, 31.0760,
53.5720

■ 161.5350, 24.9800,
42.9000

■ 173.9760, 18.8840,
32.2280

■ 186.5310, 12.4670,
21.8670

■ 199.5590, 6.0960,
10.6720

■ 212.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



115.0120, -50.7180, 49.1380



98.6290, 56.0560, 96.4720



89.3700, 110.7090, 91.6770

Triad

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



98.6290, 56.0560, 96.4720



112.9200, 54.5660, -30.7620



112.0240, -106.0000, -17.2960

Complementary

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



98.6290, 56.0560, 96.4720



134.3710, -56.0560, -96.4720

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.



102.2030, -79.7240, -41.9640



98.6290, 56.0560, 96.4720



98.6470, -2.7860, -59.6660

Square

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



98.6290, 56.0560, 96.4720



108.5540, 100.7760, 1.8320



89.2530, -48.7710, -68.7950



115.3590, -122.2800, 2.4240

Rectangle

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



98.6290, 56.0560, 96.4720



83.3280, 127.7220, 75.1940



89.2530, -48.7710, -68.7950



109.1740, -97.9750, -25.0710

Sweetspot

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



98.6290, 56.0560, 96.4720



214.0410, 20.2590, 34.8430



45.4650, -55.9470, 61.3090



103.5910, 12.2380, 20.5100



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.



98.6290, 56.0560, 96.4720



103.6050, 74.9400, 128.7000



87.9130, 86.2300, 67.2380



100.4290, 3.3460, 5.4420



69.4830, 50.2350, 86.3230



17.5310, 12.4670, 21.8670

Inverse Universe

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



98.6290, 56.0560, 96.4720



103.6050, 74.9400, 128.7000



145.0870, -86.2300, -67.2380



100.4290, 3.3460, 5.4420



69.4830, 50.2350, 86.3230



17.5310, 12.4670, 21.8670

Previews

White Background



This preview shows how the YIQ color 98.6290, 56.0560, 96.4720 looks on a white background.

Color Contrast Check

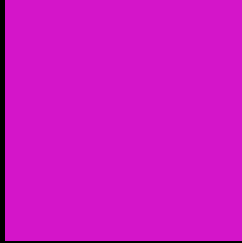
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.6290, 56.0560, 96.4720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

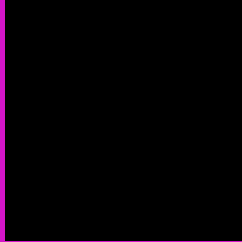
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 98.6290, 56.0560, 96.4720

Background



This preview shows how black text looks on a background with the YIQ color 98.6290, 56.0560, 96.4720.



This preview shows how white text looks on a background with the YIQ color 98.6290, 56.0560,

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

98.6290, 56.0560, 96.4720

Protanopia

96.8370, -111.4620, 15.6260

Deuteranopia

117.9880, -43.2840, 13.5160



Tritanopia

117.1510, 69.3190, 26.7830

Trichromacy



Original Color

98.6290, 56.0560, 96.4720



Protanomaly

97.3770, -50.4880, 44.9680



Deuteranomaly

111.0660, -7.2520, 43.3400



Tritanomaly

110.2210, 64.2710, 52.1990

Monochromacy



Original Color

98.6290, 56.0560, 96.4720



Achromatopsia

99.0000, -0.0000, 0.0000



Achromatomaly

99.0410, 20.2590, 34.8430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 98.6290, 56.0560, 96.4720 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(212, 21, 201)` looks like.

```
.text, #text, p{  
    color:rgb(212, 21, 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(212, 21, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 21, 201) }
```

Border

The CSS property to change the border of an element to YIQ 98.6290, 56.0560, 96.4720 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(212, 21, 201) }
```


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

```
.border{ border-color:rgb(212, 21, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 21, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 21, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 21, 201);  
box-shadow:4px 4px 4px 4px rgb(212, 21,  
201) }
```

Background

The CSS property to change the background color of an element to YIQ 98.6290, 56.0560, 96.4720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 21, 201) }
```

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

```
.background{ background-color: rgb(212, 21,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor