

Converting Colors

YIQ(101.2460, 56.2370,
109.7170)

Have a look what the booklet for
YIQ(101.2460, 56.2370, 109.7170)
contains.

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Color

**YIQ(101.2460, 56.2370,
109.7170)**

Conversions

Conversions Part 1

Format	Color
Hex	DF0FE2
RGB	223, 15, 226
RGB Percent	87%, 6%, 89%
CMY	0.1249, 0.9414, 0.1137
CMYK	0.01, 0.93, 0.00, 0.11
HSL	299°, 88%, 47%
HSV	299°, 93%, 89%
XYZ	44.3798, 21.5444, 73.7819
YIQ	101.2460, 56.2370, 109.7170

Conversions

Conversions Part 2

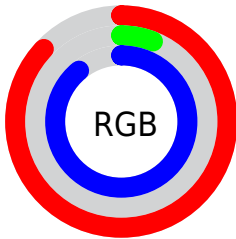
Format	Color
R _Y B	223, 15, 226
Decimal	14618594
CIE Lab	53.54, 88.16, -55.77
CIE LCh	54, 104.317, 327.681
Yxy	21.5444, 0.3177, 0.1542
Android (android.graphics.Color)	4292808674 (0xFFDF0FE2)
YUV	101.2460, 61.5037, 106.7783
Hunter-Lab	46.4159, 89.4420, -61.7551

Details

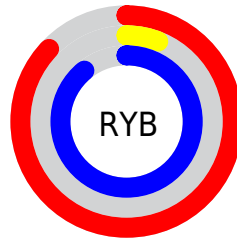
The YIQ color **101.2460, 56.2370, 109.7170** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **139.7540, -56.2370, -109.7170**, and the grayscale version is **101.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.6020, 42.3500, 80.5420**, and **68.1170, 42.5780, 87.4260** is the 20% darker color. If you saturate the color by 10%, you get **92.4410, 60.3620, 117.5620**, and if you desaturate by 10%, it is **114.7470, 49.9120, 97.6880**.

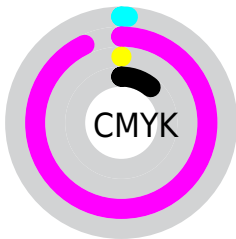
Distribution



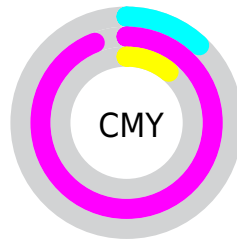
- Red (87%)
- Green (6%)
- Blue (89%)



- Red (87%)
- Yellow (6%)
- Blue (89%)



- Cyan (1%)
- Magenta (93%)
- Yellow (0%)
- Black (11%)




- Cyan (12%)
- Magenta (94%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 101.2460, 56.2370, 109.7170 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 101.2460, 56.2370, 109.7170 by changing the saturation by 10% instead.


 101.2460, 56.2370,
109.7170


 101.2460, 56.2370,
109.7170


255.0000, -0.0000,
-0.0000


 80.2790, 51.4700,
102.4940


 164.6020, 42.3500,
80.5420


 68.1170, 42.5780,
87.4260


 182.7990, 33.8250,
64.3290

 56.0690, 33.3650,
72.6690


 200.9960, 25.3000,
48.1160

 44.3200, 24.7480,
58.1240

 218.6060, 17.0500,
32.4260

 33.0980, 16.0850,
44.4130

 236.8030, 8.5250,
16.2130

 21.2780, 6.2300,
30.2780

 7.2940, -9.0350,

15.0690

■ 2.9810, -7.0160,
6.0080

■ 0.0000, 0.0000,
0.0000

■ 101.2460, 56.2370,
109.7170

■ 101.2460, 56.2370,
109.7170

■ 92.4410, 60.3620,
117.5620

■ 114.7470, 49.9120,
97.6880

■ 127.9600, 44.4580,
86.3940

■ 141.4610, 38.1330,
74.3650

■ 154.3750, 32.0830,
62.8590

■ 168.1750, 26.3540,
51.0420

■ 181.6760, 20.0290,
39.0130

■ 194.5900, 13.9790,
27.5070

■ 208.3900, 8.2500,
15.6900

■ 221.3040, 2.2000,
4.1840

Harmonies

Analogous

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



112.5100, -70.1560, 37.9720



101.2460, 56.2370, 109.7170



92.0910, 107.3610, 97.2890

Triad

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



101.2460, 56.2370, 109.7170



120.6390, 62.7270, -29.9850



119.6210, -112.2350, -19.9390

Complementary

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



101.2460, 56.2370, 109.7170



139.7540, -56.2370, -109.7170

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.



107.9590, -82.1530, -47.5050



101.2460, 56.2370, 109.7170



106.3330, 0.9740, -61.7300

Square

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



101.2460, 56.2370, 109.7170



112.7840, 114.9880, 8.5880



92.1590, -43.1750, -82.1110



122.4030, -125.5800, -3.8520

Rectangle

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



101.2460, 56.2370, 109.7170



85.4790, 125.9790, 79.2510



92.1590, -43.1750, -82.1110



116.3150, -102.9260, -28.9580

Sweetspot

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



101.2460, 56.2370, 109.7170



213.0240, 18.9290, 36.9210



40.8150, -68.5560, 64.0520



101.8730, 11.5040, 22.8000



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.



101.2460, 56.2370, 109.7170



104.4180, 68.3370, 132.7290



90.5150, 90.7670, 78.6310



105.5430, 3.0250, 5.7530



72.0900, 47.2080, 91.6240



19.8240, 13.2000, 25.1040

Inverse Universe

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



78.4310, 124.7930, 45.6650



76.5870, 151.0170, 54.9930



150.4850, -90.7670, -78.6310



104.2890, 6.5560, 2.3320



52.8520, 104.2540, 37.9340



14.4660, 28.2870, 10.4870

Previews

White Background



This preview shows how the YIQ color 101.2460, 56.2370, 109.7170 looks on a white background.

Color Contrast Check

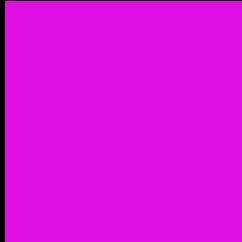
Large Text (above 18pt) WCAG AA ✓ Pass

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 101.2460, 56.2370, 109.7170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

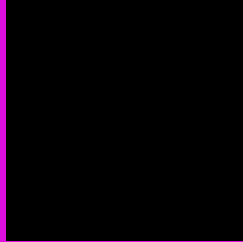
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 101.2460, 56.2370, 109.7170

Background



This preview shows how black text looks on a background with the YIQ color 101.2460, 56.2370, 109.7170.



This preview shows how white text looks on a background with the YIQ color 101.2460, 56.2370,

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

101.2460, 56.2370, 109.7170

Protanopia

114.7040, -91.7940, 22.6220

Deuteranopia

122.1310, -59.7440, 14.4640



Tritanopia

125.5640, 69.5940, 27.3060

Trichromacy



Original Color

101.2460, 56.2370, 109.7170



Protanomaly

109.7040, -37.9270, 54.1130



Deuteranomaly

114.7800, -17.8900, 48.9100



Tritanomaly

116.6820, 64.5910, 57.4150

Monochromacy



Original Color

101.2460, 56.2370, 109.7170



Achromatopsia

101.0000, -0.0000, 0.0000



Achromatomaly

101.0890, 20.3040, 39.5360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 101.2460, 56.2370, 109.7170 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(223, 15, 226)` looks like.

```
.text, #text, p{  
    color:rgb(223, 15, 226)  
}
```

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(223, 15, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 15, 226) }
```

Border

The CSS property to change the border of an element to YIQ 101.2460, 56.2370, 109.7170 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(223, 15, 226) }
```


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

```
.border{ border-color:rgb(223, 15, 226) }
```

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

Here you see how a box with a 4 pixel rgb(223, 15, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 15, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 15, 226);  
box-shadow:4px 4px 4px 4px rgb(223, 15,  
226) }
```

Background

The CSS property to change the background color of an element to YIQ 101.2460, 56.2370, 109.7170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 15, 226) }
```

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

```
.background{ background-color: rgb(223, 15,  
226) }
```

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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