

Converting Colors

YIQ(101.2290, 53.7660, 82.9020)

Have a look what the booklet for
YIQ(101.2290, 53.7660, 82.9020)
contains.

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Color

**YIQ(101.2290, 53.7660,
82.9020)**

Conversions

Conversions Part 1

Format	Color
Hex	CC21B7
RGB	204, 33, 183
RGB Percent	80%, 13%, 72%
CMY	0.1995, 0.8708, 0.2823
CMYK	0.00, 0.84, 0.10, 0.20
HSL	307°, 72%, 46%
HSV	307°, 84%, 80%
XYZ	34.0285, 17.3591, 46.3704
YIQ	101.2290, 53.7660, 82.9020

Conversions

Conversions Part 2

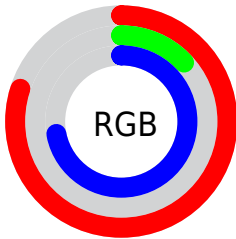
Format	Color
R_{YB}	204, 33, 183
Decimal	13377975
CIE _{Lab}	48.71, 76.12, -38.90
CIE _{LCh}	49, 85.482, 332.927
Yxy	17.3591, 0.3481, 0.1776
Android (android.graphics.Color)	4291568055 (0xFFCC21B7)
YUV	101.2290, 40.3131, 90.1302
Hunter-Lab	41.6642, 72.8743, -36.8221

Details

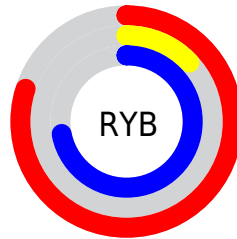
The YIQ color **101.2290, 53.7660, 82.9020** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted rose. A complement of this color would be **135.7710, -53.7660, -82.9020**, and the grayscale version is **101.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **163.3650, 47.2110, 75.0430**, and **58.0610, 45.0110, 70.8590** is the 20% darker color. If you saturate the color by 10%, you get **89.2610, 59.9080, 92.7400**, and if you desaturate by 10%, it is **113.3110, 47.3030, 73.3750**.

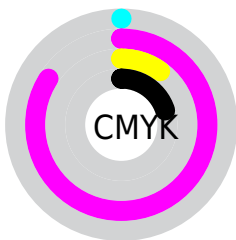
Distribution



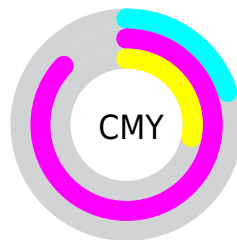
- Red (80%)
- Green (13%)
- Blue (72%)



- Red (80%)
- Yellow (13%)
- Blue (72%)



- Cyan (0%)
- Magenta (84%)
- Yellow (10%)
- Black (20%)





- Cyan (20%)
- Magenta (87%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 101.2290, 53.7660, 82.9020 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 101.2290, 53.7660, 82.9020 by changing the saturation by 10% instead.


 101.2290, 53.7660,
82.9020


 101.2290, 53.7660,
82.9020


255.0000, -0.0000,
-0.0000


 70.1090, 54.2240,
85.6160


 163.3650, 47.2110,
75.0430


 58.0610, 45.0110,
70.8590


 182.7990, 33.8250,
64.3290


 46.8390, 36.3480,
57.1480


 199.8220, 25.8500,
49.1620

 35.3180, 27.0890,
43.2250

 217.4320, 17.6000,
33.4720

 24.9220, 18.9760,
30.5600

 235.0420, 9.3500,
17.7820

 13.3300, 8.4790,
17.0470

 252.6520, 1.1000,

 0.5700, -1.6050,

2.0920

1.5550

■ 0.0000, 0.0000,
0.0000

■ 101.2290, 53.7660,
82.9020

■ 101.2290, 53.7660,
82.9020

■ 89.2610, 59.9080,
92.7400

■ 113.3110, 47.3030,
73.3750

■ 81.4020, 64.1250,
98.9170

■ 125.8660, 40.8860,
63.0140

■ 137.9480, 34.4230,
53.4870

■ 150.5030, 28.0060,
43.1260

■ 162.5850, 21.5430,
33.5990

■ 174.5530, 15.4010,
23.7610

■ 187.2220, 8.6630,
13.7110

■ 199.1900, 2.5210,
3.8730

■ 211.8590, -4.2170,
-6.1770

Harmonies

Analogous

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



115.0370, -34.6710, 50.1690



101.2290, 53.7660, 82.9020



83.3320, 104.7040, 84.8640

Triad

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



101.2290, 53.7660, 82.9020



108.4570, 48.5600, -32.0480



107.1170, -101.8280, -15.8120

Complementary

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



101.2290, 53.7660, 82.9020



135.7710, -53.7660, -82.9020

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.



98.3220, -78.4410, -37.6810



101.2290, 53.7660, 82.9020



94.5160, -3.7950, -57.8990

Square

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



101.2290, 53.7660, 82.9020



106.4170, 90.7360, -3.4400



87.5550, -52.2570, -60.6810



110.2240, -117.4660, 3.2860

Rectangle

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



101.2290, 53.7660, 82.9020



77.6750, 119.1950, 70.0350



87.5550, -52.2570, -60.6810



104.6090, -94.7660, -22.6540

Sweetspot

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



101.2290, 53.7660, 82.9020



216.5200, 20.1680, 30.9840



58.4740, -42.9710, 57.4210



104.5370, 12.3300, 18.8420



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.



101.2290, 53.7660, 82.9020



101.7810, 80.0760, 123.7240



91.6530, 80.7300, 56.7780



96.0160, 3.0710, 4.9190



66.1640, 52.3910, 80.2870



15.2380, 11.7340, 18.6300

Inverse Universe

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



101.2290, 53.7660, 82.9020



101.7810, 80.0760, 123.7240



145.4610, -81.0510, -56.4670



96.0160, 3.0710, 4.9190



66.1640, 52.3910, 80.2870



15.2380, 11.7340, 18.6300

Previews

White Background



This preview shows how the YIQ color 101.2290, 53.7660, 82.9020 looks on a white background.

Color Contrast Check

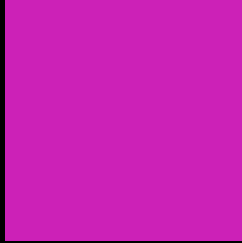
Large Text (above 18pt) WCAG AA ✓ Pass

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 101.2290, 53.7660, 82.9020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

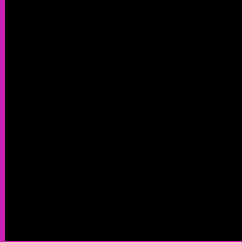
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 101.2290, 53.7660, 82.9020

Background



This preview shows how black text looks on a background with the YIQ color 101.2290, 53.7660, 82.9020.



This preview shows how white text looks on a background with the YIQ color 101.2290, 53.7660,

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

101.2290, 53.7660, 82.9020

Protanopia

92.9900, -107.5190, 15.7530

Deuteranopia

115.2080, -32.2800, 12.3280



Tritanopia

112.5530, 68.1270, 26.3590

Trichromacy



Original Color

101.2290, 53.7660, 82.9020



Protanomaly

95.8130, -49.0200, 40.3880



Deuteranomaly

110.3130, -0.8780, 37.9540



Tritanomaly

108.5750, 63.0340, 47.0820

Monochromacy



Original Color

101.2290, 53.7660, 82.9020



Achromatopsia

101.0000, -0.0000, 0.0000



Achromatomaly

101.1070, 19.8930, 30.4610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 101.2290, 53.7660, 82.9020 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(204, 33, 183)` looks like.

```
.text, #text, p{  
    color:rgb(204, 33, 183)  
}
```

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(204, 33, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 33, 183) }
```

Border

The CSS property to change the border of an element to YIQ 101.2290, 53.7660, 82.9020 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(204, 33, 183) }
```


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

```
.border{ border-color:rgb(204, 33, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 33, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 33, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 33, 183); box-shadow:4px 4px 4px 4px rgb(204, 33, 183) }
```

Background

The CSS property to change the background color of an element to YIQ 101.2290, 53.7660, 82.9020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 33, 183) }
```

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

```
.background{ background-color: rgb(204, 33,  
183) }
```

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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