

Converting Colors

YIQ(89.7090, 53.0750, 100.9390)

Have a look what the booklet for
YIQ(89.7090, 53.0750, 100.9390)
contains.

YIQ(89.7090, 53.0750, 100.9390)	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(89.7090, 53.0750,
100.9390)**

Conversions

Conversions Part 1

Format	Color
Hex	CB0ACB
RGB	203, 10, 203
RGB Percent	80%, 4%, 80%
CMY	0.2033, 0.9610, 0.2039
CMYK	0.00, 0.95, 0.00, 0.20
HSL	300°, 91%, 42%
HSV	300°, 95%, 80%
XYZ	35.5579, 17.2451, 57.9642
YIQ	89.7090, 53.0750, 100.9390

Conversions

Conversions Part 2

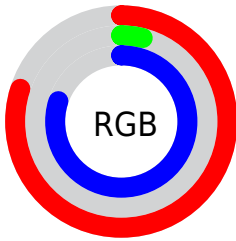
Format	Color
RYB	203, 10, 203
Decimal	13306571
CIELab	48.57, 81.97, -50.77
CIElCh	49, 96.418, 328.227
Yxy	17.2451, 0.3210, 0.1557
Android (android.graphics.Color)	4291496651 (0xFFCB0ACB)
YUV	89.7090, 55.8525, 99.3562
Hunter-Lab	41.5273, 80.1686, -53.6885

Details

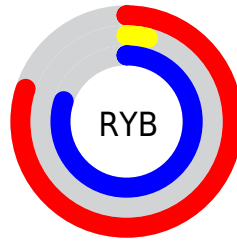
The YIQ color **89.7090, 53.0750, 100.9390** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **123.2910, -53.0750, -100.9390**, and the grayscale version is **89.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **161.0800, 44.0000, 83.6800**, and **59.9280, 38.3160, 76.5560** is the 20% darker color. If you saturate the color by 10%, you get **83.8390, 55.8250, 106.1690**, and if you desaturate by 10%, it is **101.4490, 47.5750, 90.4790**.

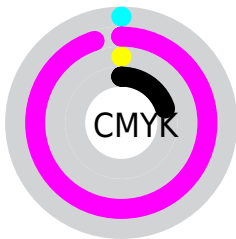
Distribution



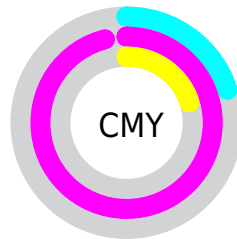
- Red (80%)
- Green (4%)
- Blue (80%)



- Red (80%)
- Yellow (4%)
- Blue (80%)



- Cyan (0%)
- Magenta (95%)
- Yellow (0%)
- Black (20%)



- Cyan (20%)
- Magenta (96%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 89.7090, 53.0750, 100.9390 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 89.7090, 53.0750, 100.9390 by changing the saturation by 10% instead.

89.7090, 53.0750,
100.9390

89.7090, 53.0750,
100.9390

255.0000, -0.0000,
-0.0000

71.6770, 46.9330,
91.1010

161.0800, 44.0000,
83.6800

59.9280, 38.3160,
76.5560

179.2770, 35.4750,
67.4670

48.2930, 29.3780,
62.3220

196.8870, 27.2250,
51.7770

36.6580, 20.4400,
48.0880

213.9100, 19.2500,
36.6100

26.1480, 12.6480,
35.1120

231.5200, 11.0000,
20.9200

14.1430, 1.8760,
21.0760

249.7170, 2.4750,

3.5510, -8.6210,

4.7070

7.5630

■ 0.0000, 0.0000,
0.0000

■ 89.7090, 53.0750,
100.9390

■ 89.7090, 53.0750,
100.9390

■ 83.8390, 55.8250,
106.1690

■ 101.4490, 47.5750,
90.4790

■ 113.7760, 41.8000,
79.4960

■ 125.5160, 36.3000,
69.0360

■ 137.2560, 30.8000,
58.5760

■ 149.5830, 25.0250,
47.5930

■ 161.3230, 19.5250,
37.1330

■ 173.0630, 14.0250,
26.6730

■ 184.8030, 8.5250,
16.2130

■ 197.1300, 2.7500,
5.2300

Harmonies

Analogous

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



106.0530, -67.1310, 43.7250



89.7090, 53.0750, 100.9390



87.9890, 107.4080, 90.9280

Triad

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



89.7090, 53.0750, 100.9390



108.5120, 55.8950, -27.3130



108.0630, -101.7360, -17.4800

Complementary

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



89.7090, 53.0750, 100.9390



123.2910, -53.0750, -100.9390

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.



98.0140, -74.8180, -42.7700



89.7090, 53.0750, 100.9390



95.4240, -0.5400, -56.3160

Square

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



89.7090, 53.0750, 100.9390



102.3850, 102.9300, 6.8500



83.3540, -39.0500, -74.2660



113.5980, -121.4550, 3.9930

Rectangle

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



89.7090, 53.0750, 100.9390



82.5450, 125.6130, 74.8690



83.3540, -39.0500, -74.2660



105.0990, -93.3900, -25.5660

Sweetspot

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



89.7090, 53.0750, 100.9390



211.5620, 20.3500, 38.7020



32.0020, -61.9530, 60.0230



101.4710, 12.6960, 23.2240



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.



89.7090, 53.0750, 100.9390



105.3150, 70.1250, 133.3650



78.7650, 83.8910, 71.0830



96.1300, 2.7500, 5.2300



68.5580, 45.6500, 86.8180



15.6940, 10.4500, 19.8740

Inverse Universe

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



89.7090, 53.0750, 100.9390



105.3150, 70.1250, 133.3650



134.3490, -84.2120, -70.7720



96.1300, 2.7500, 5.2300



68.5580, 45.6500, 86.8180



15.6940, 10.4500, 19.8740

Previews

White Background



This preview shows how the YIQ color 89.7090, 53.0750, 100.9390 looks on a white background.

Color Contrast Check

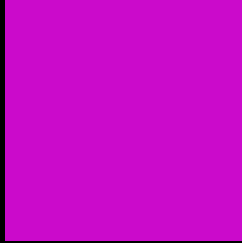
Large Text (above 18pt) WCAG AA ✓ Pass

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 89.7090, 53.0750, 100.9390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

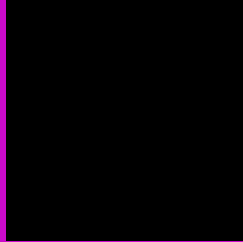
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 89.7090, 53.0750, 100.9390

Background



This preview shows how black text looks on a background with the YIQ color 89.7090, 53.0750, 100.9390.



This preview shows how white text looks on a background with the YIQ color 89.7090, 53.0750,

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

89.7090, 53.0750, 100.9390

Protanopia

93.4630, -107.4730, 14.9190

Deuteranopia

111.3830, -51.7660, 13.0500



Tritanopia

113.4600, 63.9550, 24.8750

Trichromacy



Original Color

89.7090, 53.0750, 100.9390



Protanomaly

92.3880, -49.0210, 45.9150



Deuteranomaly

103.2980, -13.7170, 44.8670



Tritanomaly

105.1820, 60.0070, 52.3830

Monochromacy



Original Color

89.7090, 53.0750, 100.9390



Achromatopsia

90.0000, -0.0000, -0.0000



Achromatomaly

89.9100, 19.2500, 36.6100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 89.7090, 53.0750, 100.9390 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, 10, 203)` looks like.

```
.text, #text, p{  
    color:rgb(203, 10, 203)  
}
```

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, 10, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 10, 203) }
```

Border

The CSS property to change the border of an element to YIQ 89.7090, 53.0750, 100.9390 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, 10, 203) }
```


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

```
.border{ border-color:rgb(203, 10, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 10, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 10, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 10, 203);  
box-shadow:4px 4px 4px 4px rgb(203, 10,  
203) }
```

Background

The CSS property to change the background color of an element to YIQ 89.7090, 53.0750, 100.9390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 10, 203) }
```

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

```
.background{ background-color: rgb(203, 10,  
203) }
```

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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