

Converting Colors

YIQ(90.1300, 41.7040, 103.2720)

Have a look what the booklet for
YIQ(90.1300, 41.7040, 103.2720)
contains.

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Color

**YIQ(90.1300, 41.7040,
103.2720)**

Conversions

Conversions Part 1

Format	Color
Hex	C20CDC
RGB	194, 12, 220
RGB Percent	76%, 5%, 86%
CMY	0.2386, 0.9532, 0.1372
CMYK	0.12, 0.95, 0.00, 0.14
HSL	293°, 90%, 45%
HSV	293°, 95%, 86%
XYZ	35.3339, 16.9168, 69.1139
YIQ	90.1300, 41.7040, 103.2720

Conversions

Conversions Part 2

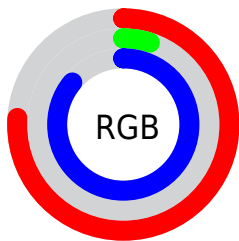
Format	Color
RYB	194, 12, 220
Decimal	12717276
CIELab	48.16, 82.99, -61.27
CIELCh	48, 103.156, 323.561
Yxy	16.9168, 0.2911, 0.1394
Android (android.graphics.Color)	4290907356 (0xFFC20CDC)
YUV	90.1300, 64.0259, 91.0940
Hunter-Lab	41.1300, 81.3680, -70.8384

Details

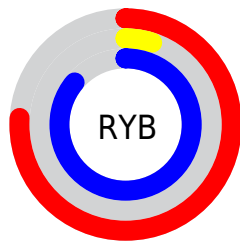
The YIQ color **90.1300, 41.7040, 103.2720** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **141.8700, -41.7040, -103.2720**, and the grayscale version is **89.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **161.0800, 44.0000, 83.6800**, and **59.0610, 27.8160, 79.6240** is the 20% darker color. If you saturate the color by 10%, you get **82.7870, 44.4080, 109.3360**, and if you desaturate by 10%, it is **103.9410, 37.4420, 92.4020**.

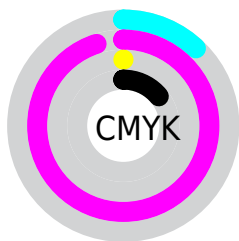
Distribution



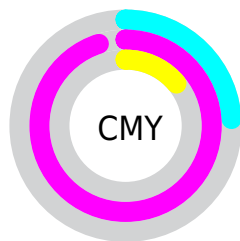
- Red (76%)
- Green (5%)
- Blue (86%)



- Red (76%)
- Yellow (5%)
- Blue (86%)



- Cyan (12%)
- Magenta (95%)
- Yellow (0%)
- Black (14%)



- Cyan (24%)
- Magenta (95%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 90.1300, 41.7040, 103.2720 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 90.1300, 41.7040, 103.2720 by changing the saturation by 10% instead.

90.1300, 41.7040,
103.2720

90.1300, 41.7040,
103.2720

255.0000, -0.0000,
-0.0000

70.9240, 36.1120,
94.4800

161.0800, 44.0000,
83.6800

59.0610, 27.8160,
79.6240

178.6900, 35.7500,
67.9900

47.3120, 19.1990,
65.0790

196.3000, 27.5000,
52.3000

35.6770, 10.2610,
50.8450

213.9100, 19.2500,
36.6100

24.3410, 1.9190,
36.8230

231.5200, 11.0000,
20.9200

10.5420, -12.4290,
21.5150

249.1300, 2.7500,

5.5060, -12.7480,

5.2300

10.7720

■ 2.2970, -5.0900,
4.1420

■ 0.0000, 0.0000,
0.0000

■ 90.1300, 41.7040,
103.2720

■ 90.1300, 41.7040,
103.2720

■ 82.7870, 44.4080,
109.3360

■ 103.9410, 37.4420,
92.4020

■ 117.7520, 33.1800,
81.5320

■ 131.2640, 28.3220,
70.4500

■ 145.0750, 24.0600,
59.5800

■ 158.8860, 19.7980,
48.7100

■ 172.6970, 15.5360,
37.8400

■ 186.2090, 10.6780,
26.7580

■ 200.0200, 6.4160,
15.8880

■ 213.8310, 2.1540,
5.0180

Harmonies

Analogous

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



88.3570, -109.6300, 26.4820



90.1300, 41.7040, 103.2720



90.3680, 105.0230, 95.6070

Triad

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



90.1300, 41.7040, 103.2720



107.9800, 63.5050, -22.0550



107.1510, -99.1680, -19.9680

Complementary

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



90.1300, 41.7040, 103.2720



141.8700, -41.7040, -103.2720

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.



95.6030, -69.4070, -47.2230



90.1300, 41.7040, 103.2720



96.6530, 6.2450, -52.6270

Square

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



90.1300, 41.7040, 103.2720



94.5210, 114.7110, 19.1190



82.7670, -38.7750, -73.7430



114.1850, -121.7300, 3.4700

Rectangle

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



90.1300, 41.7040, 103.2720



85.3650, 126.3000, 78.9400



82.7670, -38.7750, -73.7430



103.7310, -89.5380, -29.2980

Sweetspot

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



90.1300, 41.7040, 103.2720



210.6320, 14.1610, 35.2250



52.1480, -74.4680, 50.0440



100.3780, 8.5240, 21.7400



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.



90.1300, 41.7040, 103.2720



95.7470, 51.0530, 126.5810



89.2400, 81.5960, 85.1480



102.9450, 1.8330, 5.3290



65.1700, 35.0590, 86.0270



17.2040, 9.0740, 22.7860

Inverse Universe

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



77.1560, 115.6220, 52.1820



79.8930, 141.7080, 64.0120



142.7600, -81.5960, -85.1480



102.4030, 6.2350, 2.6430



54.2350, 96.0460, 43.5180



14.4380, 25.4900, 11.6180

Previews

White Background



This preview shows how the YIQ color 90.1300, 41.7040, 103.2720 looks on a white background.

Color Contrast Check

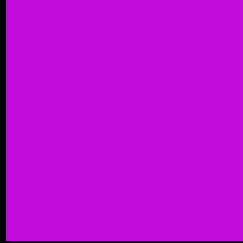
Large Text (above 18pt) WCAG AA ✓ Pass

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 90.1300, 41.7040, 103.2720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

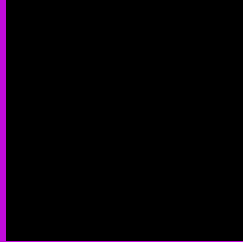
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 90.1300, 41.7040, 103.2720

Background



This preview shows how black text looks on a background with the YIQ color 90.1300, 41.7040, 103.2720.



This preview shows how white text looks on a background with the YIQ color 90.1300, 41.7040,

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

90.1300, 41.7040, 103.2720

Protanopia

91.9470, -105.9600, 15.0320

Deuteranopia

98.8550, -85.5100, 7.8500



Tritanopia

114.8930, 52.3100, 21.1580

Trichromacy



Original Color

90.1300, 41.7040, 103.2720



Protanomaly

91.4740, -52.1390, 47.3570



Deuteranomaly

95.9560, -39.1170, 42.6350



Tritanomaly

106.0820, 48.5450, 50.8570

Monochromacy



Original Color

90.1300, 41.7040, 103.2720



Achromatopsia

90.0000, -0.0000, -0.0000



Achromatomaly

90.2840, 15.2610, 37.3170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 90.1300, 41.7040, 103.2720 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(194, 12, 220)` looks like.

```
.text, #text, p{  
    color:rgb(194, 12, 220)  
}
```

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(194, 12, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 12, 220) }
```

Border

The CSS property to change the border of an element to YIQ 90.1300, 41.7040, 103.2720 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(194, 12, 220) }
```


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

```
.border{ border-color:rgb(194, 12, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 12, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 12, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 12, 220);  
box-shadow:4px 4px 4px 4px rgb(194, 12,  
220) }
```

Background

The CSS property to change the background color of an element to YIQ 90.1300, 41.7040, 103.2720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 12, 220) }
```

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

```
.background{ background-color: rgb(194, 12,  
220) }
```

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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