

Converting Colors

YIQ(90.2280, 91.0380, 101.2620)

Have a look what the booklet for
YIQ(90.2280, 91.0380, 101.2620)
contains.

YIQ(90.2280, 91.0380, 101.2620)	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(90.2280, 91.0380,
101.2620)**

Conversions

Conversions Part 1

Format	Color
Hex	F000A2
RGB	240, 0, 162
RGB Percent	94%, 0%, 64%
CMY	0.0582, 0.9998, 0.3645
CMYK	0.00, 1.00, 0.33, 0.06
HSL	320°, 100%, 47%
HSV	320°, 100%, 94%
XYZ	42.5203, 21.1660, 36.0548
YIQ	90.2280, 91.0380, 101.2620

Conversions

Conversions Part 2

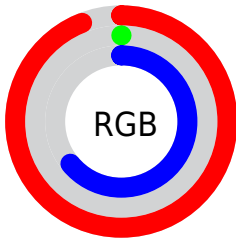
Format	Color
R_{YB}	240, 0, 162
Decimal	15728802
CIE _{Lab}	53.13, 84.43, -19.18
CIE _{LCh}	53, 86.577, 347.204
Yxy	21.1660, 0.4263, 0.2122
Android (android.graphics.Color)	4293918882 (0xFFFF00A2)
YUV	90.2280, 35.3836, 131.3500
Hunter-Lab	46.0066, 84.4623, -14.2603

Details

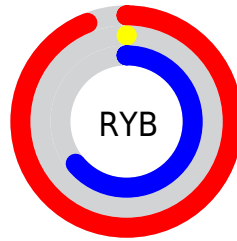
The YIQ color **90.2280, 91.0380, 101.2620** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **149.7720, -91.0380, -101.2620**, and the grayscale version is **90.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **158.5090, 55.3730, 70.2930**, and **65.7620, 70.7780, 71.9460** is the 20% darker color. If you saturate the color by 10%, you get **90.2280, 91.0380, 101.2620**, and if you desaturate by 10%, it is **105.2280, 81.8700, 91.1980**.

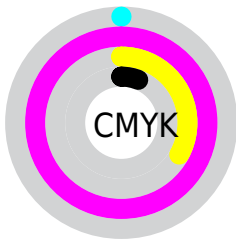
Distribution



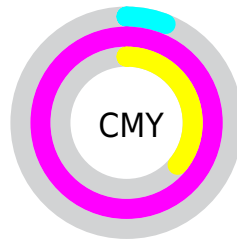
- Red (94%)
- Green (0%)
- Blue (64%)



- Red (94%)
- Yellow (0%)
- Blue (64%)



- Cyan (0%)
- Magenta (100%)
- Yellow (33%)
- Black (6%)



- Cyan (6%)
- Magenta (100%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 90.2280, 91.0380, 101.2620 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 90.2280, 91.0380, 101.2620 by changing the saturation by 10% instead.

90.2280, 91.0380,
101.2620

90.2280, 91.0380,
101.2620

255.0000, -0.0000,
-0.0000

77.9950, 80.9080,
86.6040

158.5090, 55.3730,
70.2930

65.7620, 70.7780,
71.9460

180.5990, 37.2640,
62.5760

54.0560, 60.6020,
58.1220

199.8220, 25.8500,
49.1620

42.3500, 50.4260,
44.2980

217.4320, 17.6000,
33.4720

31.1710, 40.2040,
31.3080

235.6290, 9.0750,
17.2590

19.6930, 29.3860,
18.1060

253.2390, 0.8250,

7.2900, 13.9830,

1.5690

5.3990

■ 0.0000, 0.0000,
0.0000

■ 90.2280, 91.0380,
101.2620

■ 105.2280, 81.8700,
91.1980

■ 120.2280, 72.7020,
81.1340

■ 135.1140, 63.8550,
70.7590

■ 150.1140, 54.6870,
60.6950

■ 165.1140, 45.5190,
50.6310

■ 180.1140, 36.3510,
40.5670

■ 195.1140, 27.1830,
30.5030

■ 210.1140, 18.0150,
20.4390

■ 225.0000, 9.1680,
10.0640

Harmonies

Analogous

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



127.0000, 11.4500, 67.8500



90.2280, 91.0380, 101.2620



85.6790, 122.5400, 81.0040

Triad

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



90.2280, 91.0380, 101.2620



114.5050, 30.2690, -47.4830



118.4760, -118.6560, -8.1920

Complementary

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



90.2280, 91.0380, 101.2620



149.7720, -91.0380, -101.2620

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.



112.0120, -97.6990, -30.0750



90.2280, 91.0380, 101.2620



88.0500, -41.2500, -78.4500

Square

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



90.2280, 91.0380, 101.2620



119.5640, 76.4800, -20.4160



101.9460, -72.1110, -53.2870



114.1850, -121.7300, 3.4700

Rectangle

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



90.2280, 91.0380, 101.2620



106.7300, 116.2210, 35.8130



101.9460, -72.1110, -53.2870



116.7830, -112.5110, -14.9350

Sweetspot

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



90.2280, 91.0380, 101.2620



207.5380, 28.9250, 31.9730



50.0840, -31.7440, 90.7520



99.2880, 17.4650, 19.3930



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.



90.2280, 91.0380, 101.2620



95.8530, 96.7680, 107.5520



76.7760, 128.9160, 64.5640



112.5000, 4.5840, 5.0320



69.1520, 69.8600, 77.5720



21.0760, 21.1780, 23.6900

Inverse Universe

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



90.2280, 91.0380, 101.2620



95.8530, 96.7680, 107.5520



163.2240, -128.9160, -64.5640



112.5000, 4.5840, 5.0320



69.1520, 69.8600, 77.5720



21.0760, 21.1780, 23.6900

Previews

White Background



This preview shows how the YIQ color 90.2280, 91.0380, 101.2620 looks on a white background.

Color Contrast Check

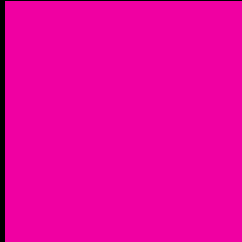
Large Text (above 18pt) WCAG AA ✓ Pass

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 90.2280, 91.0380, 101.2620 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 90.2280, 91.0380, 101.2620

Background



This preview shows how black text looks on a background with the YIQ color 90.2280, 91.0380, 101.2620.



This preview shows how white text looks on a background with the YIQ color 90.2280, 91.0380,

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

90.2280, 91.0380, 101.2620

Protanopia

122.7320, -62.6340, 22.7900

Deuteranopia

129.4590, -5.3660, 9.1460



Tritanopia

115.1720, 100.3570, 36.9730

Trichromacy



Original Color

90.2280, 91.0380, 101.2620



Protanomaly

111.1080, -7.0700, 51.0580



Deuteranomaly

115.4600, 29.5650, 42.4050



Tritanomaly

106.2590, 96.6390, 60.3110

Monochromacy



Original Color

90.2280, 91.0380, 101.2620



Achromatopsia

90.0000, -0.0000, -0.0000



Achromatomaly

90.0380, 33.5090, 37.0050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 90.2280, 91.0380, 101.2620 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(240, 0, 162)` looks like.

```
.text, #text, p{  
    color:rgb(240, 0, 162)  
}
```

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(240, 0, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 0, 162) }
```

Border

The CSS property to change the border of an element to YIQ 90.2280, 91.0380, 101.2620 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(240, 0, 162) }
```


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

```
.border{ border-color:rgb(240, 0, 162) }
```

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

Here you see how a box with a 4 pixel rgb(240, 0, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 0, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 0, 162);  
box-shadow:4px 4px 4px 4px rgb(240, 0,  
162) }
```

Background

The CSS property to change the background color of an element to YIQ 90.2280, 91.0380, 101.2620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 0, 162) }
```

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

```
.background{ background-color: rgb(240, 0,  
162) }
```

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