

Converting Colors

YIQ(114.4000, 22.9080, 91.4840)

Have a look what the booklet for
YIQ(114.4000, 22.9080, 91.4840)
contains.

YIQ(114.4000, 22.9080, 91.4840)	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(114.4000, 22.9080,
91.4840)**

Conversions

Conversions Part 1

Format	Color
Hex	C131F5
RGB	193, 49, 245
RGB Percent	76%, 19%, 96%
CMY	0.2427, 0.8081, 0.0393
CMYK	0.21, 0.80, 0.00, 0.04
HSL	284°, 91%, 58%
HSV	284°, 80%, 96%
XYZ	39.5974, 20.1363, 88.1734
YIQ	114.4000, 22.9080, 91.4840

Conversions

Conversions Part 2

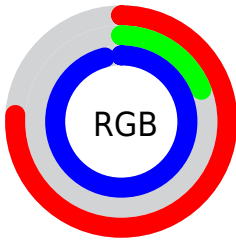
Format	Color
R_{YB}	193, 49, 245
Decimal	12661237
CIE _{Lab}	51.99, 80.37, -69.19
CIE _{LCh}	52, 106.051, 319.273
Yxy	20.1363, 0.2677, 0.1361
Android (android.graphics.Color)	4290851317 (0xFFC131F5)
YUV	114.4000, 64.3858, 68.9322
Hunter-Lab	44.8735, 78.9841, -85.0896

Details

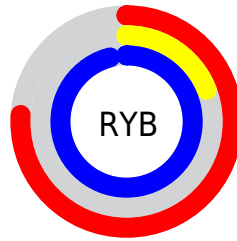
The YIQ color **114.4000, 22.9080, 91.4840** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **179.6000, -22.9080, -91.4840**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.3470, 38.4540, 74.0540**, and **61.4980, 19.5160, 86.8760** is the 20% darker color. If you saturate the color by 10%, you get **97.9310, 26.2070, 103.2870**, and if you desaturate by 10%, it is **130.5810, 20.4800, 80.4160**.

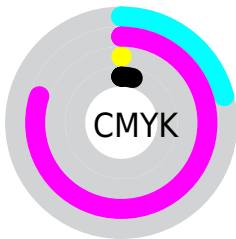
Distribution



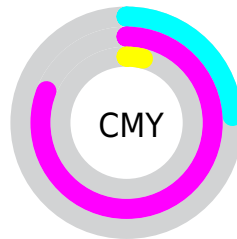
- Red (76%)
- Green (19%)
- Blue (96%)



- Red (76%)
- Yellow (19%)
- Blue (96%)



- Cyan (21%)
- Magenta (80%)
- Yellow (0%)
- Black (4%)



- Cyan (24%)
- Magenta (81%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 114.4000, 22.9080, 91.4840 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 114.4000, 22.9080, 91.4840 by changing the saturation by 10% instead.

114.4000, 22.9080,
91.4840

114.4000, 22.9080,
91.4840

255.0000, -0.0000,
-0.0000

73.3610, 27.8120,
101.7320

171.3470, 38.4540,
74.0540

61.4980, 19.5160,
86.8760

188.6690, 31.0750,
59.0990

49.3360, 10.6240,
71.8080

205.6920, 23.1000,
43.9320

37.2880, 1.4110,
57.0510

223.3020, 14.8500,
28.2420

25.3540, -8.1230,
42.6050

240.9120, 6.6000,
12.5520

9.2340, -26.0010,
25.1910

8.2590, -19.1220,

16.1580

■ 5.1640, -11.7850,
9.8390

■ 1.0260, -2.8890,
2.7990

■ 114.4000, 22.9080,
91.4840

■ 114.4000, 22.9080,
91.4840

■ 97.9310, 26.2070,
103.2870

■ 130.5810, 20.4800,
80.4160

■ 81.7500, 28.6350,
114.3550

■ 147.0500, 17.1810,
68.6130

■ 163.2310, 14.7530,
57.5450

■ 179.7000, 11.4540,
45.7420

■ 195.8810, 9.0260,
34.6740

■ 212.3500, 5.7270,
22.8710

■ 228.2320, 2.7030,
11.5910

■ 245.0000, -0.0000,
0.0000

■ 252.6640, 0.8260,
-3.9580

Harmonies

Analogous

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



97.1620, -113.7550, 18.6370



114.4000, 22.9080, 91.4840



94.5990, 100.2990, 104.1310

Triad

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



114.4000, 22.9080, 91.4840



117.2050, 76.1130, -19.2710



114.0810, -102.1470, -26.5550

Complementary

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



114.4000, 22.9080, 91.4840



179.6000, -22.9080, -91.4840

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.



101.4900, -70.8270, -54.5310



114.4000, 22.9080, 91.4840



108.8240, 18.9450, -51.5110

Square

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



114.4000, 22.9080, 91.4840



98.1640, 129.1980, 26.3980



88.6370, -41.5250, -78.9730



121.2290, -125.0300, -2.8060

Rectangle

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



114.4000, 22.9080, 91.4840



87.7590, 119.5590, 85.4710



88.6370, -41.5250, -78.9730



109.9600, -91.9210, -35.6730

Sweetspot

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



114.4000, 22.9080, 91.4840



214.4090, 7.2390, 28.5110



101.8680, -77.2160, 33.7600



103.2910, 4.2150, 17.2310



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.



114.4000, 22.9080, 91.4840



91.7500, 28.6350, 114.3550



124.7040, 68.6660, 88.2020



114.0590, 1.5120, 5.6400



62.1670, 21.9460, 86.8900



19.5830, 6.6890, 27.4650

Inverse Universe

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



113.5320, 100.1240, 57.7240



90.6650, 125.1550, 72.1550



169.2960, -68.6660, -88.2020



113.9300, 6.1890, 3.4770



61.2000, 95.1270, 54.6710



19.4650, 30.0280, 17.4840

Previews

White Background



This preview shows how the YIQ color 114.4000, 22.9080, 91.4840 looks on a white background.

Color Contrast Check

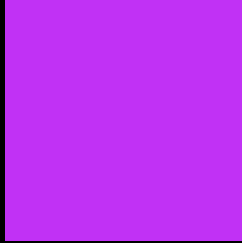
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.4000, 22.9080, 91.4840 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 114.4000, 22.9080, 91.4840

Background



This preview shows how black text looks on a background with the YIQ color 114.4000, 22.9080, 91.4840.



This preview shows how white text looks on a background with the YIQ color 114.4000, 22.9080,

91.4840.

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

114.4000, 22.9080, 91.4840

Protanopia

99.2820, -114.2130, 15.9230

Deuteranopia

99.9710, -106.5080, 2.9320



Tritanopia

125.5430, 38.5560, 17.1160

Trichromacy



Original Color

114.4000, 22.9080, 91.4840



Protanomaly

104.6080, -64.3800, 43.4280



Deuteranomaly

105.3770, -59.6560, 34.9040



Tritanomaly

121.3680, 32.8200, 43.9880

Monochromacy



Original Color

114.4000, 22.9080, 91.4840



Achromatopsia

114.0000, 0.0000, 0.0000



Achromatomaly

114.0550, 8.4760, 33.6280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.4000, 22.9080, 91.4840 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(193, 49, 245)` looks like.

```
.text, #text, p{  
    color:rgb(193, 49, 245)  
}
```

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(193, 49, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 49, 245) }
```

Border

The CSS property to change the border of an element to YIQ 114.4000, 22.9080, 91.4840 is called "border". The border property can be set on classes, ids or directly on the HTML element.

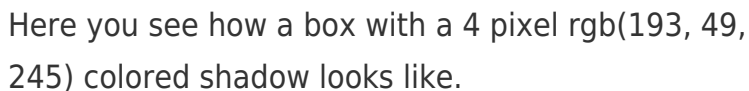
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(193, 49, 245) }
```


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

```
.border{ border-color:rgb(193, 49, 245) }
```

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



Here you see how a box with a 4 pixel `rgb(193, 49, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 49, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 49, 245);  
box-shadow:4px 4px 4px 4px rgb(193, 49,  
245) }
```

Background

The CSS property to change the background color of an element to YIQ 114.4000, 22.9080, 91.4840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 49, 245) }
```

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

```
.background{ background-color: rgb(193, 49,  
245) }
```

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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