

Converting Colors

YIQ(91.6980, 33.2720, 79.8640)

Have a look what the booklet for
YIQ(91.6980, 33.2720, 79.8640)
contains.

YIQ(91.6980, 33.2720, 79.8640)	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(91.6980, 33.2720,
79.8640)**

Conversions

Conversions Part 1

Format	Color
Hex	AD1FBF
RGB	173, 31, 191
RGB Percent	68%, 12%, 75%
CMY	0.3211, 0.8786, 0.2510
CMYK	0.09, 0.84, 0.00, 0.25
HSL	293°, 72%, 44%
HSV	293°, 84%, 75%
XYZ	27.1509, 13.6355, 50.4923
YIQ	91.6980, 33.2720, 79.8640

Conversions

Conversions Part 2

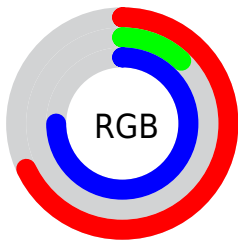
Format	Color
R_{YB}	173, 31, 191
Decimal	11345855
CIE _{Lab}	43.71, 71.94, -51.86
CIE _{LCh}	44, 88.689, 324.212
Yxy	13.6355, 0.2975, 0.1494
Android (android.graphics.Color)	4289535935 (0xFFAD1FBF)
YUV	91.6980, 48.9559, 71.3019
Hunter-Lab	36.9263, 66.6251, -55.2236

Details

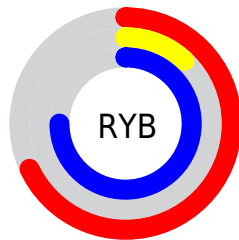
The YIQ color **91.6980, 33.2720, 79.8640** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **130.3020, -33.2720, -79.8640**, and the grayscale version is **91.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **154.5790, 31.9890, 75.5810**, and **50.3020, 25.1590, 67.1990** is the 20% darker color. If you saturate the color by 10%, you get **79.9470, 37.3050, 89.3770**, and if you desaturate by 10%, it is **103.4490, 29.2390, 70.3510**.

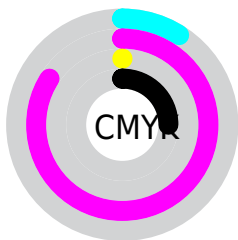
Distribution



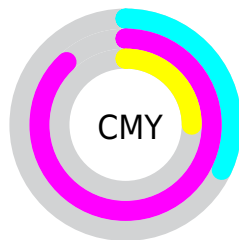
- Red (68%)
- Green (12%)
- Blue (75%)



- Red (68%)
- Yellow (12%)
- Blue (75%)



- Cyan (9%)
- Magenta (84%)
- Yellow (0%)
- Black (25%)





- Cyan (32%)
- Magenta (88%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 91.6980, 33.2720, 79.8640 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 91.6980, 33.2720, 79.8640 by changing the saturation by 10% instead.


 91.6980, 33.2720,
79.8640

 91.6980, 33.2720,
79.8640


255.0000, -0.0000,
-0.0000


 61.6380, 33.5010,
81.2210


 154.5790, 31.9890,
75.5810


 50.3020, 25.1590,
67.1990


 178.6900, 35.7500,
67.9900


 38.9660, 16.8170,
53.1770


 195.7130, 27.7750,
52.8230

 27.6300, 8.4750,
39.1550

 212.7360, 19.8000,
37.6560

 16.5220, -0.5090,
25.7550

 229.7590, 11.8250,
22.4890

 4.9190, -12.4730,
11.2950

 247.3690, 3.5750,

 2.2970, -5.0900,

6.7990

4.1420

■ 0.0000, 0.0000,
0.0000

■ 91.6980, 33.2720,
79.8640

■ 91.6980, 33.2720,
79.8640

■ 79.9470, 37.3050,
89.3770

■ 103.4490, 29.2390,
70.3510

■ 72.6040, 40.0090,
95.4410

■ 115.2000, 25.2060,
60.8380

■ 127.2500, 21.7690,
51.5370

■ 139.0010, 17.7360,
42.0240

■ 150.7520, 13.7030,
32.5110

■ 163.0900, 9.3950,
22.4750

■ 174.8410, 5.3620,
12.9620

■ 186.5920, 1.3290,
3.4490

■ 198.3430, -2.7040,
-6.0640

Harmonies

Analogous

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



80.8910, -102.3860, 27.3580



91.6980, 33.2720, 79.8640



79.5740, 92.2790, 84.2710

Triad

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



91.6980, 33.2720, 79.8640



97.6140, 55.8480, -20.9520



95.9520, -88.3020, -18.6540

Complementary

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



91.6980, 33.2720, 79.8640



130.3020, -33.2720, -79.8640

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.



86.1140, -63.3560, -41.2440



91.6980, 33.2720, 79.8640



88.7120, 7.7570, -46.9870

Square

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



91.6980, 33.2720, 79.8640



89.0950, 98.1150, 11.5150



73.9620, -34.6500, -65.8980



101.8460, -107.6540, 1.6740

Rectangle

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



91.6980, 33.2720, 79.8640



75.5970, 110.6670, 70.4030



73.9620, -34.6500, -65.8980



93.2160, -80.5980, -26.1180

Sweetspot

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



91.6980, 33.2720, 79.8640



209.1000, 12.6030, 30.4190



60.3930, -56.5850, 39.8230



101.4980, 8.0660, 19.0260



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.6980, 33.2720, 79.8640



93.9380, 51.8330, 123.4570



90.1260, 63.5810, 64.7090



88.4180, 1.8790, 4.4950



59.8720, 32.7220, 78.8180



11.6070, 6.1410, 15.3650

Inverse Universe

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



80.8920, 89.5820, 39.5180



77.0450, 138.2240, 61.0720



131.8740, -63.5810, -64.7090



87.8050, 5.0430, 2.2190



49.2940, 88.3900, 39.0940



9.6110, 17.5130, 7.5050

Previews

White Background



This preview shows how the YIQ color 91.6980, 33.2720, 79.8640 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

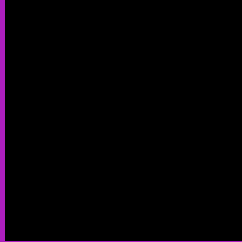
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 91.6980, 33.2720, 79.8640

Background



This preview shows how black text looks on a background with the YIQ color 91.6980, 33.2720, 79.8640.



This preview shows how white text looks on a background with the YIQ color 91.6980, 33.2720,

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

91.6980, 33.2720, 79.8640

Protanopia

83.5690, -96.1480, 13.4200

Deuteranopia

95.3110, -60.4310, 10.3930



Tritanopia

103.7890, 46.6710, 18.7270

Trichromacy



Original Color

91.6980, 33.2720, 79.8640



Protanomaly

86.8190, -49.1570, 37.3630



Deuteranomaly

93.9710, -26.2780, 35.7220



Tritanomaly

99.7510, 41.8070, 40.8070

Monochromacy



Original Color

91.6980, 33.2720, 79.8640



Achromatopsia

92.0000, 0.0000, -0.0000



Achromatomaly

91.8610, 11.7780, 28.8500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 91.6980, 33.2720, 79.8640 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(173, 31, 191)` looks like.

```
.text, #text, p{  
    color:rgb(173, 31, 191)  
}
```

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(173, 31, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 31, 191) }
```

Border

The CSS property to change the border of an element to YIQ 91.6980, 33.2720, 79.8640 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(173, 31, 191) }
```


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

```
.border{ border-color:rgb(173, 31, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 31, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 31, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 31, 191);  
box-shadow:4px 4px 4px 4px rgb(173, 31,  
191) }
```

Background

The CSS property to change the background color of an element to YIQ 91.6980, 33.2720, 79.8640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 31, 191) }
```

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

```
.background{ background-color: rgb(173, 31,  
191) }
```

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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