

Converting Colors

YIQ(91.9430, 33.9600, 78.4080)

Have a look what the booklet for
YIQ(91.9430, 33.9600, 78.4080)
contains.

YIQ(91.9430, 33.9600, 78.4080)	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(91.9430, 33.9600,
78.4080)**

Conversions

Conversions Part 1

Format	Color
Hex	AD20BC
RGB	173, 32, 188
RGB Percent	68%, 13%, 74%
CMY	0.3211, 0.8747, 0.2627
CMYK	0.08, 0.83, 0.00, 0.26
HSL	294°, 71%, 43%
HSV	294°, 83%, 74%
XYZ	26.8504, 13.5577, 48.7807
YIQ	91.9430, 33.9600, 78.4080

Conversions

Conversions Part 2

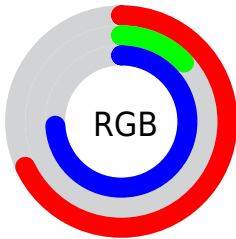
Format	Color
R_{YB}	173, 32, 188
Decimal	11346108
CIE _{Lab}	43.59, 71.21, -50.29
CIE _{LCh}	44, 87.182, 324.771
Yxy	13.5577, 0.3011, 0.1520
Android (android.graphics.Color)	4289536188 (0xFFAD20BC)
YUV	91.9430, 47.3561, 71.0870
Hunter-Lab	36.8207, 65.7294, -52.7738

Details

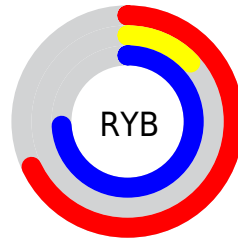
The YIQ color **91.9430, 33.9600, 78.4080** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **128.0570, -33.9600, -78.4080**, and the grayscale version is **91.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **154.2370, 32.9520, 74.6480**, and **49.9600, 26.1220, 66.2660** is the 20% darker color. If you saturate the color by 10%, you get **80.1920, 37.9930, 87.9210**, and if you desaturate by 10%, it is **103.6940, 29.9270, 68.8950**.

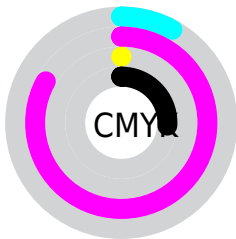
Distribution



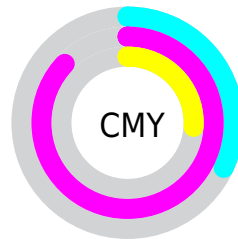
- Red (68%)
- Green (13%)
- Blue (74%)



- Red (68%)
- Yellow (13%)
- Blue (74%)



- Cyan (8%)
- Magenta (83%)
- Yellow (0%)
- Black (26%)



- Cyan (32%)
- Magenta (87%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 91.9430, 33.9600, 78.4080 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 91.9430, 33.9600, 78.4080 by changing the saturation by 10% instead.

91.9430, 33.9600,
78.4080

91.9430, 33.9600,
78.4080

255.0000, -0.0000,
-0.0000

61.4100, 34.1430,
80.5990

154.2370, 32.9520,
74.6480

49.9600, 26.1220,
66.2660

179.2770, 35.4750,
67.4670

38.6240, 17.7800,
52.2440

195.7130, 27.7750,
52.8230

27.7010, 9.7130,
38.7450

212.7360, 19.8000,
37.6560

16.5930, 0.7290,
25.3450

230.3460, 11.5500,
21.9660

5.2780, -12.1060,
10.1500

247.3690, 3.5750,

1.3680, -3.8520,

6.7990

3.7320

■ 0.0000, 0.0000,
0.0000

■ 91.9430, 33.9600,
78.4080

■ 91.9430, 33.9600,
78.4080

■ 80.1920, 37.9930,
87.9210

■ 103.6940, 29.9270,
68.8950

■ 72.2620, 40.9720,
94.5080

■ 115.4450, 25.8940,
59.3820

■ 126.3100, 21.5400,
50.1800

■ 138.0610, 17.5070,
40.6670

■ 149.8120, 13.4740,
31.1540

■ 161.5630, 9.4410,
21.6410

■ 173.3140, 5.4080,
12.1280

■ 184.1790, 1.0540,
2.9260

■ 195.9300, -2.9790,
-6.5870

Harmonies

Analogous

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



84.9310, -90.6950, 30.2410



91.9430, 33.9600, 78.4080



78.7480, 91.7290, 83.2250

Triad

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



91.9430, 33.9600, 78.4080



97.3150, 55.2520, -21.1640



95.3650, -88.0270, -18.1310

Complementary

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



91.9430, 33.9600, 78.4080



128.0570, -33.9600, -78.4080

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.



86.3420, -63.9980, -40.6220



91.9430, 33.9600, 78.4080



87.8260, 7.4360, -46.6760

Square

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



91.9430, 33.9600, 78.4080



89.6710, 96.3730, 10.0450



73.9620, -34.6500, -65.8980



101.0310, -106.7370, 1.5750

Rectangle

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



91.9430, 33.9600, 78.4080



74.8850, 109.7960, 69.6680



73.9620, -34.6500, -65.8980



92.6290, -80.3230, -25.5950

Sweetspot

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



91.9430, 33.9600, 78.4080



207.3990, 13.1990, 30.6310



59.1760, -54.4760, 40.1480



99.9710, 8.1120, 18.1920



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



91.9430, 33.9600, 78.4080



94.0090, 53.0710, 123.0470



89.3600, 62.8020, 62.3060



88.4180, 1.8790, 4.4950



60.7690, 34.5100, 79.4540



11.9060, 6.7370, 15.5770

Inverse Universe

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



80.3540, 88.1610, 37.7370



75.8770, 138.6370, 59.0930



130.6400, -62.8020, -62.3060



87.8050, 5.0430, 2.2190



48.9520, 89.3530, 38.1610



9.6110, 17.5130, 7.5050

Previews

White Background



This preview shows how the YIQ color 91.9430, 33.9600, 78.4080 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

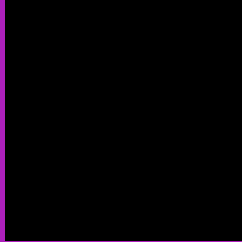
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 91.9430, 33.9600, 78.4080

Background



This preview shows how black text looks on a background with the YIQ color 91.9430, 33.9600, 78.4080.



This preview shows how white text looks on a background with the YIQ color 91.9430, 33.9600,

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

91.9430, 33.9600, 78.4080

Protanopia

82.8680, -95.5520, 13.6320

Deuteranopia

96.5780, -56.8090, 10.8310



Tritanopia

103.2020, 46.9460, 19.2500

Trichromacy



Original Color

91.9430, 33.9600, 78.4080



Protanomaly

86.0040, -48.2400, 37.2640



Deuteranomaly

94.6400, -23.8480, 35.7360



Tritanomaly

99.0500, 42.4030, 41.0190

Monochromacy



Original Color

91.9430, 33.9600, 78.4080



Achromatopsia

92.0000, 0.0000, -0.0000



Achromatomaly

91.7470, 12.0990, 28.5390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 91.9430, 33.9600, 78.4080 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, 32, 188)` looks like.

```
.text, #text, p{  
    color:rgb(173, 32, 188)  
}
```

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, 32, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 32, 188) }
```

Border

The CSS property to change the border of an element to YIQ 91.9430, 33.9600, 78.4080 is called "border". The border property can be set on classes, ids or directly on the HTML element.

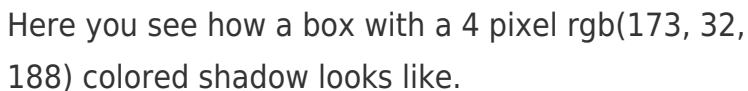
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(173, 32, 188) }
```


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

```
.border{ border-color:rgb(173, 32, 188) }
```

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



Here you see how a box with a 4 pixel `rgb(173, 32, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 32, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 32, 188); box-shadow:4px 4px 4px 4px rgb(173, 32, 188) }
```

Background

The CSS property to change the background color of an element to YIQ 91.9430, 33.9600, 78.4080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 32, 188) }
```

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

```
.background{ background-color: rgb(173, 32,  
188) }
```

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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