

Converting Colors

YIQ(80.4470, 68.2520, 95.7080)

Have a look what the booklet for
YIQ(80.4470, 68.2520, 95.7080)
contains.

YIQ(80.4470, 68.2520, 95.7080)	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>	30

Color

**YIQ(80.4470, 68.2520,
95.7080)**

Conversions

Conversions Part 1

Format	Color
Hex	CD00A8
RGB	205, 0, 168
RGB Percent	80%, 0%, 66%
CMY	0.1955, 0.9999, 0.3410
CMYK	0.00, 1.00, 0.18, 0.20
HSL	311°, 100%, 40%
HSV	311°, 100%, 80%
XYZ	32.2898, 15.8291, 38.4168
YIQ	80.4470, 68.2520, 95.7080

Conversions

Conversions Part 2

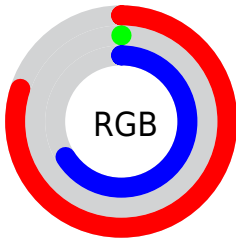
Format	Color
R_{YB}	205, 0, 168
Decimal	13435048
CIE _{Lab}	46.75, 78.41, -33.14
CIE _{LCh}	47, 85.124, 337.091
Yxy	15.8291, 0.3731, 0.1829
Android (android.graphics.Color)	4291625128 (0xFFCD00A8)
YUV	80.4470, 43.1636, 109.2330
Hunter-Lab	39.7858, 75.2435, -29.3997

Details

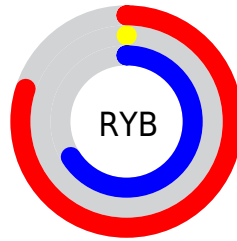
The YIQ color **80.4470, 68.2520, 95.7080** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **124.5530, -68.2520, -95.7080**, and the grayscale version is **80.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **155.1980, 55.0510, 76.1310**, and **56.7640, 50.1010, 66.7170** is the 20% darker color. If you saturate the color by 10%, you get **80.4470, 68.2520, 95.7080**, and if you desaturate by 10%, it is **93.2300, 61.1930, 85.9690**.

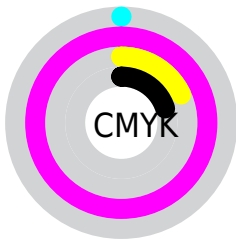
Distribution



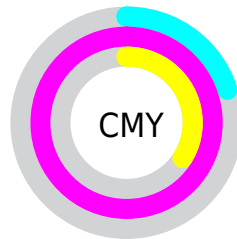
- Red (80%)
- Green (0%)
- Blue (66%)



- Red (80%)
- Yellow (0%)
- Blue (66%)



- Cyan (0%)
- Magenta (100%)
- Yellow (18%)
- Black (20%)





- Cyan (20%)
- Magenta (100%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 80.4470, 68.2520, 95.7080 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 80.4470, 68.2520, 95.7080 by changing the saturation by 10% instead.


 80.4470, 68.2520,
95.7080

 80.4470, 68.2520,
95.7080


255.0000, -0.0000,
-0.0000


 68.3990, 59.0390,
80.9510


 155.1980, 55.0510,
76.1310


 56.7640, 50.1010,
66.7170


 176.5870, 37.5380,
68.6260


 45.2430, 40.8420,
52.7940


 194.5390, 28.3250,
53.8690

 33.9500, 30.9410,
39.4930

 211.5620, 20.3500,
38.7020

 23.2550, 22.2320,
26.6160

 229.1720, 12.1000,
23.0120

 11.4780, 10.8180,
13.2020

 247.3690, 3.5750,

 0.0000, 0.0000,

6.7990

0.0000

■ 80.4470, 68.2520,
95.7080

■ 93.2300, 61.1930,
85.9690

■ 105.3120, 54.7300,
76.4420

■ 118.0950, 47.6710,
66.7030

■ 130.2910, 40.8870,
57.4870

■ 143.0740, 33.8280,
47.7480

■ 155.1560, 27.3650,
38.2210

■ 167.9390, 20.3060,
28.4820

■ 180.1350, 13.5220,
19.2660

■ 192.8040, 6.7840,
9.2160

Harmonies

Analogous

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



111.0990, -20.0460, 54.9460



80.4470, 68.2520, 95.7080



80.1270, 106.5390, 79.1390

Triad

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



80.4470, 68.2520, 95.7080



103.0970, 40.7660, -33.9700



104.0510, -101.4620, -11.4300

Complementary

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



80.4470, 68.2520, 95.7080



124.5530, -68.2520, -95.7080

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.



96.0710, -78.9920, -33.2000



80.4470, 68.2520, 95.7080



84.0950, -18.7870, -61.5310

Square

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



80.4470, 68.2520, 95.7080



103.1170, 82.7130, -6.7190



85.5320, -53.4500, -55.5780



105.8870, -114.8990, 6.3250

Rectangle

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



80.4470, 68.2520, 95.7080



73.3880, 118.3250, 63.7730



85.5320, -53.4500, -55.5780



102.1300, -94.6750, -18.7950

Sweetspot

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



80.4470, 68.2520, 95.7080



208.7920, 25.3940, 35.3940



33.5360, -45.5410, 70.9630



99.9720, 15.5390, 21.2590



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.



80.4470, 68.2520, 95.7080



100.0710, 84.8910, 119.0590



69.0470, 100.3520, 64.6080



95.9020, 3.3920, 4.6080



65.1380, 55.2800, 77.4880



14.8960, 12.6970, 17.6970

Inverse Universe

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



80.4470, 68.2520, 95.7080



100.0710, 84.8910, 119.0590



135.9530, -100.3520, -64.6080



95.9020, 3.3920, 4.6080



65.1380, 55.2800, 77.4880



14.8960, 12.6970, 17.6970

Previews

White Background



This preview shows how the YIQ color 80.4470, 68.2520, 95.7080 looks on a white background.

Color Contrast Check

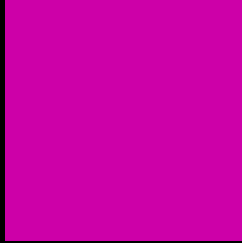
Large Text (above 18pt) WCAG AA ✓ Pass

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 80.4470, 68.2520, 95.7080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

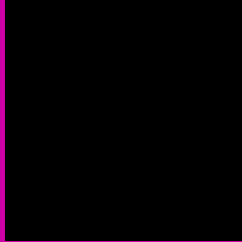
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 80.4470, 68.2520, 95.7080

Background



This preview shows how black text looks on a background with the YIQ color 80.4470, 68.2520, 95.7080.



This preview shows how white text looks on a background with the YIQ color 80.4470, 68.2520,

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

80.4470, 68.2520, 95.7080

Deuteranopia

113.0580, -23.1100, 11.3380

Tritanopia

105.6250, 76.7920, 29.0160

Trichromacy



Original Color

80.4470, 68.2520, 95.7080

Deuteranomaly

101.1080, 10.1250, 42.2930

Tritanomaly

96.5380, 73.6240, 53.4000

Monochromacy



Original Color

80.4470, 68.2520, 95.7080

Achromatopsia

80.0000, 0.0000, -0.0000

Achromatomaly

80.3790, 25.1190, 34.8710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 80.4470, 68.2520, 95.7080 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(205, 0, 168)` looks like.

```
.text, #text, p{  
    color:rgb(205, 0, 168)  
}
```

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(205, 0, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 0, 168) }
```

Border

The CSS property to change the border of an element to YIQ 80.4470, 68.2520, 95.7080 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(205, 0, 168) }
```

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

```
.border{ border-color:rgb(205, 0, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 0, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 0, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 0, 168);  
box-shadow:4px 4px 4px 4px rgb(205, 0,  
168) }
```


Background

The CSS property to change the background color of an element to YIQ 80.4470, 68.2520, 95.7080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 0, 168) }
```

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

```
.background{ background-color: rgb(205, 0,  
168) }
```

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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