

Converting Colors

YIQ(81.2040, 64.0820, 83.1700)

Have a look what the booklet for
YIQ(81.2040, 64.0820, 83.1700)
contains.

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Color

**YIQ(81.2040, 64.0820,
83.1700)**

Conversions

Conversions Part 1

Format	Color
Hex	C20A98
RGB	194, 10, 152
RGB Percent	76%, 4%, 60%
CMY	0.2387, 0.9610, 0.4038
CMYK	0.00, 0.95, 0.22, 0.24
HSL	314°, 90%, 40%
HSV	314°, 95%, 76%
XYZ	28.0608, 13.9707, 30.9392
YIQ	81.2040, 64.0820, 83.1700

Conversions

Conversions Part 2

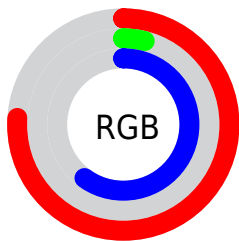
Format	Color
RYB	194, 10, 152
Decimal	12716696
CIELab	44.19, 73.49, -27.71
CIElCh	44, 78.540, 339.342
Yxy	13.9707, 0.3845, 0.1915
Android (android.graphics.Color)	4290906776 (0xFFC20A98)
YUV	81.2040, 34.9024, 98.9221
Hunter-Lab	37.3774, 68.5970, -22.9132

Details

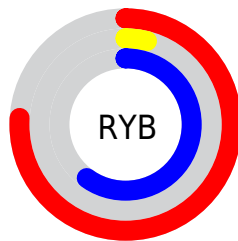
The YIQ color **81.2040, 64.0820, 83.1700** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **122.7960, -64.0820, -83.1700**, and the grayscale version is **81.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **152.3740, 60.1870, 71.1550**, and **51.8790, 48.0390, 60.0310** is the 20% darker color. If you saturate the color by 10%, you get **75.1060, 67.4740, 87.7780**, and if you desaturate by 10%, it is **92.8130, 57.5730, 74.4770**.

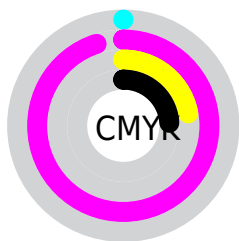
Distribution



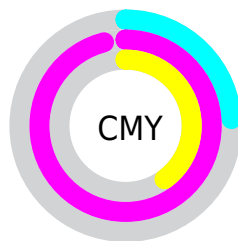
- Red (76%)
- Green (4%)
- Blue (60%)



- Red (76%)
- Yellow (4%)
- Blue (60%)



- Cyan (0%)
- Magenta (95%)
- Yellow (22%)
- Black (24%)





- Cyan (24%)
- Magenta (96%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 81.2040, 64.0820, 83.1700 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 81.2040, 64.0820, 83.1700 by changing the saturation by 10% instead.


 81.2040, 64.0820,
83.1700


 81.2040, 64.0820,
83.1700


255.0000, -0.0000,
-0.0000


 63.6990, 57.8940,
74.1660


 152.6730, 60.7830,
71.3670


 51.8790, 48.0390,
60.0310


 173.4750, 43.5450,
64.3850


 40.6570, 39.3760,
46.3200


 193.3650, 28.8750,
54.9150

 29.6630, 30.0710,
33.2310

 210.3880, 20.9000,
39.7480

 18.7830, 20.4450,
20.4530

 227.9980, 12.6500,
24.0580

 4.0010, 7.4270,
3.0670

 245.6080, 4.4000,

 0.0000, 0.0000,

8.3680

0.0000

■ 81.2040, 64.0820,
83.1700

■ 81.2040, 64.0820,
83.1700

■ 75.1060, 67.4740,
87.7780

■ 92.8130, 57.5730,
74.4770

■ 105.1230, 50.4680,
65.5720

■ 116.7320, 43.9590,
56.8790

■ 129.0420, 36.8540,
47.9740

■ 140.6510, 30.3450,
39.2810

■ 152.3740, 23.5150,
30.8990

■ 164.5700, 16.7310,
21.6830

■ 176.2930, 9.9010,
13.3010

■ 188.4890, 3.1170,
4.0850

Harmonies

Analogous

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



105.0090, -11.1050, 52.5990



81.2040, 64.0820, 83.1700



74.2030, 100.2130, 72.6370

Triad

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



81.2040, 64.0820, 83.1700



96.8730, 35.5850, -33.6870



97.6280, -95.7770, -9.8330

Complementary

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



81.2040, 64.0820, 83.1700



122.7960, -64.0820, -83.1700

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.



91.0330, -75.8290, -29.9490



81.2040, 64.0820, 83.1700



77.5940, -21.6300, -59.5660

Square

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



81.2040, 64.0820, 83.1700



98.0450, 74.0480, -9.3760



81.4060, -52.8550, -49.8390



98.7800, -107.2880, 6.0560

Rectangle

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



81.2040, 64.0820, 83.1700



75.2520, 106.5440, 51.5040



81.4060, -52.8550, -49.8390



95.9350, -89.6320, -16.5760

Sweetspot

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



81.2040, 64.0820, 83.1700



209.0860, 24.3860, 31.6340



42.9360, -35.2240, 65.7040



101.0320, 15.3100, 19.9020



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.



81.2040, 64.0820, 83.1700



97.5780, 87.5970, 114.0690



70.9440, 92.9720, 55.1800



90.9020, 3.3920, 4.6080



62.2750, 56.1520, 72.6960



12.8310, 11.3220, 15.0820

Inverse Universe

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



81.2040, 64.0820, 83.1700



97.5780, 87.5970, 114.0690



133.0560, -92.9720, -55.1800



90.9020, 3.3920, 4.6080



62.2750, 56.1520, 72.6960



12.8310, 11.3220, 15.0820

Previews

White Background



This preview shows how the YIQ color 81.2040, 64.0820, 83.1700 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 81.2040, 64.0820, 83.1700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

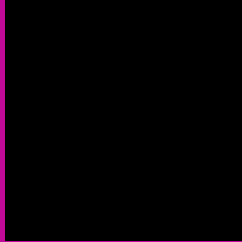
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 81.2040, 64.0820, 83.1700

Background



This preview shows how black text looks on a background with the YIQ color 81.2040, 64.0820, 83.1700.



This preview shows how white text looks on a background with the YIQ color 81.2040, 64.0820,

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

81.2040, 64.0820, 83.1700

Protanopia

91.5600, -82.7610, 18.6070

Deuteranopia

106.5270, -17.2410, 9.5990



Tritanopia

98.4290, 74.4080, 28.1680

Trichromacy



Original Color

81.2040, 64.0820, 83.1700



Protanomaly

88.1050, -29.3510, 41.8570



Deuteranomaly

97.2020, 12.5560, 36.7800



Tritanomaly

92.4080, 70.8740, 48.1700

Monochromacy



Original Color

81.2040, 64.0820, 83.1700



Achromatopsia

81.0000, -0.0000, 0.0000



Achromatomaly

80.9610, 23.2400, 30.3760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 81.2040, 64.0820, 83.1700 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(194, 10, 152)` looks like.

```
.text, #text, p{  
    color:rgb(194, 10, 152)  
}
```

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(194, 10, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 10, 152) }
```

Border

The CSS property to change the border of an element to YIQ 81.2040, 64.0820, 83.1700 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(194, 10, 152) }
```


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

```
.border{ border-color:rgb(194, 10, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 10, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 10, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 10, 152);  
box-shadow:4px 4px 4px 4px rgb(194, 10,  
152) }
```

Background

The CSS property to change the background color of an element to YIQ 81.2040, 64.0820, 83.1700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 10, 152) }
```

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

```
.background{ background-color: rgb(194, 10,  
152) }
```

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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