

Converting Colors

YIQ(77.0680, 87.8320, 82.2640)

Have a look what the booklet for
YIQ(77.0680, 87.8320, 82.2640)
contains.

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Color

**YIQ(77.0680, 87.8320,
82.2640)**

Conversions

Conversions Part 1

Format	Color
Hex	D40078
RGB	212, 0, 120
RGB Percent	83%, 0%, 47%
CMY	0.1680, 0.9998, 0.5292
CMYK	0.00, 1.00, 0.43, 0.17
HSL	326°, 100%, 42%
HSV	326°, 100%, 83%
XYZ	30.5881, 15.3767, 19.1459
YIQ	77.0680, 87.8320, 82.2640

Conversions

Conversions Part 2

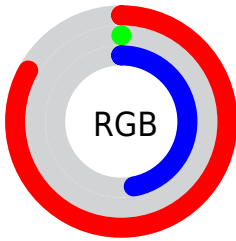
Format	Color
R_{YB}	212, 0, 120
Decimal	13893752
CIE _{Lab}	46.15, 74.77, -4.90
CIE _{LCh}	46, 74.933, 356.251
Yxy	15.3767, 0.4698, 0.2362
Android (android.graphics.Color)	4292083832 (0xFFD40078)
YUV	77.0680, 21.1655, 118.3354
Hunter-Lab	39.2131, 70.6157, -1.4993

Details

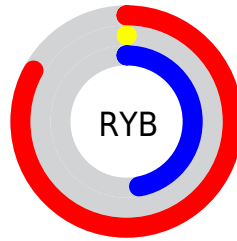
The YIQ color **77.0680, 87.8320, 82.2640** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **134.9320, -87.8320, -82.2640**, and the grayscale version is **77.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **148.6830, 72.0180, 60.4820**, and **53.3570, 66.8840, 54.4040** is the 20% darker color. If you saturate the color by 10%, you get **77.0680, 87.8320, 82.2640**, and if you desaturate by 10%, it is **90.4210, 79.1680, 74.0800**.

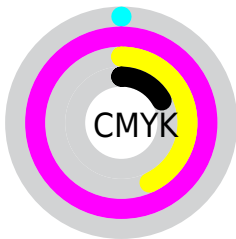
Distribution



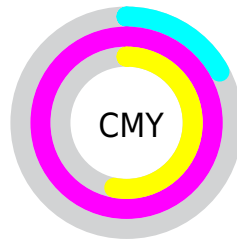
- Red (83%)
- Green (0%)
- Blue (47%)



- Red (83%)
- Yellow (0%)
- Blue (47%)



- Cyan (0%)
- Magenta (100%)
- Yellow (43%)
- Black (17%)



- Cyan (17%)
- Magenta (100%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 77.0680, 87.8320, 82.2640 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 77.0680, 87.8320, 82.2640 by changing the saturation by 10% instead.

■ 77.0680, 87.8320,
82.2640

■ 77.0680, 87.8320,
82.2640

■ 255.0000, -0.0000,
-0.0000

■ 64.9490, 77.3810,
67.9170

■ 148.6830, 72.0180,
60.4820

■ 53.3570, 66.8840,
54.4040

■ 169.9580, 54.8260,
52.6660

■ 41.8790, 56.0660,
41.2020

■ 190.7600, 37.5880,
45.6840

■ 30.5150, 44.9270,
28.3110

■ 210.9750, 20.6250,
39.2250

■ 19.4780, 37.1810,
14.5010

■ 228.5850, 12.3750,
23.5350

■ 8.4860, 16.3670,
6.2470

■ 246.1950, 4.1250,

■ 0.0000, 0.0000,

7.8450

0.0000

■ 77.0680, 87.8320,
82.2640

■ 90.4210, 79.1680,
74.0800

■ 103.7740, 70.5040,
65.8960

■ 117.8280, 61.2440,
57.5000

■ 131.1810, 52.5800,
49.3160

■ 144.5340, 43.9160,
41.1320

■ 157.8870, 35.2520,
32.9480

■ 171.9410, 25.9920,
24.5520

■ 185.2940, 17.3280,
16.3680

■ 198.6470, 8.6640,
8.1840

Harmonies

Analogous

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



106.8910, 30.5700, 62.7460



77.0680, 87.8320, 82.2640



88.4960, 99.8050, 46.9810

Triad

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



77.0680, 87.8320, 82.2640



95.2350, 13.5340, -47.0580



101.8800, -104.9940, -2.4820

Complementary

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



77.0680, 87.8320, 82.2640



134.9320, -87.8320, -82.2640

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.



98.5280, -90.0440, -20.1240



77.0680, 87.8320, 82.2640



80.3170, -45.6550, -59.1830

Square

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



77.0680, 87.8320, 82.2640



102.9080, 54.8400, -24.7120



90.5310, -68.9040, -39.8160



97.3440, -108.7560, 10.6360

Rectangle

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



77.0680, 87.8320, 82.2640



96.7790, 96.1890, 13.3810



90.5310, -68.9040, -39.8160



101.4580, -101.0500, -7.8820

Sweetspot

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



77.0680, 87.8320, 82.2640



206.6260, 31.4930, 29.4850



51.6760, -13.2200, 85.4360



98.7180, 19.0700, 17.8380



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.



77.0680, 87.8320, 82.2640



92.6610, 105.7560, 98.8440



64.9840, 121.8580, 49.2980



99.9730, 4.6300, 4.1980



62.1870, 70.7790, 66.4190



15.7070, 17.6030, 16.8910

Inverse Universe

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



77.0680, 87.8320, 82.2640



92.6610, 105.7560, 98.8440



147.0160, -121.8580, -49.2980



99.9730, 4.6300, 4.1980



62.1870, 70.7790, 66.4190



15.7070, 17.6030, 16.8910

Previews

White Background



This preview shows how the YIQ color 77.0680, 87.8320, 82.2640 looks on a white background.

Color Contrast Check

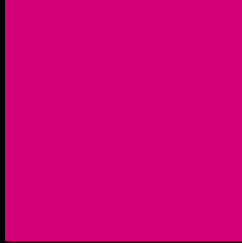
Large Text (above 18pt) WCAG AA ✓ Pass

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 77.0680, 87.8320, 82.2640 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 77.0680, 87.8320, 82.2640

Background



This preview shows how black text looks on a background with the YIQ color 77.0680, 87.8320, 82.2640.



This preview shows how white text looks on a background with the YIQ color 77.0680, 87.8320,

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

77.0680, 87.8320, 82.2640

Protanopia

110.0170, -33.0600, 15.4520

Deuteranopia

112.5280, 7.3810, 3.9010



Tritanopia

95.9540, 95.0390, 34.2310

Trichromacy



Original Color

77.0680, 87.8320, 82.2640



Protanomaly

97.8260, 10.8590, 40.0030



Deuteranomaly

99.8440, 36.8110, 32.2270



Tritanomaly

89.5370, 92.5600, 51.6320

Monochromacy



Original Color

77.0680, 87.8320, 82.2640



Achromatopsia

77.0000, -0.0000, -0.0000



Achromatomaly

77.0390, 31.7680, 30.0080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.0680, 87.8320, 82.2640 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(212, 0, 120)` looks like.

```
.text, #text, p{  
    color:rgb(212, 0, 120)  
}
```

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(212, 0, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 0, 120) }
```

Border

The CSS property to change the border of an element to YIQ 77.0680, 87.8320, 82.2640 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(212, 0, 120) }
```


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

```
.border{ border-color:rgb(212, 0, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 0, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 0, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 0, 120);  
box-shadow:4px 4px 4px 4px rgb(212, 0,  
120) }
```

Background

The CSS property to change the background color of an element to YIQ 77.0680, 87.8320, 82.2640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 0, 120) }
```

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

```
.background{ background-color: rgb(212, 0,  
120) }
```

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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