

Converting Colors

YIQ(88.6320, 94.3910, 68.0150)

Have a look what the booklet for
YIQ(88.6320, 94.3910, 68.0150)
contains.

YIQ(88.6320, 94.3910, 68.0150)	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(88.6320, 94.3910,
68.0150)**

Conversions

Conversions Part 1

Format	Color
Hex	DD1364
RGB	221, 19, 100
RGB Percent	87%, 7%, 39%
CMY	0.1328, 0.9257, 0.6075
CMYK	0.00, 0.91, 0.55, 0.13
HSL	336°, 84%, 47%
HSV	336°, 91%, 87%
XYZ	32.3956, 16.7779, 13.6078
YIQ	88.6320, 94.3910, 68.0150

Conversions

Conversions Part 2

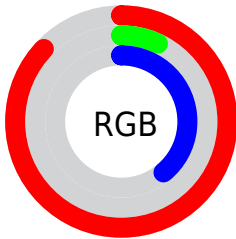
Format	Color
R_{YB}	221, 19, 100
Decimal	14488420
CIE _{Lab}	47.98, 73.49, 10.31
CIE _{LCh}	48, 74.212, 7.990
Yxy	16.7779, 0.5160, 0.2672
Android (android.graphics.Color)	4292678500 (0xFFDD1364)
YUV	88.6320, 5.6044, 116.0867
Hunter-Lab	40.9609, 69.4925, 8.9756

Details

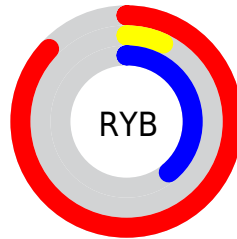
The YIQ color **88.6320, 94.3910, 68.0150** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **151.3680, -94.3910, -68.0150**, and the grayscale version is **89.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **149.6970, 77.4300, 50.5020**, and **53.6970, 77.4300, 50.5020** is the 20% darker color. If you saturate the color by 10%, you get **76.2250, 103.1470, 74.5310**, and if you desaturate by 10%, it is **103.0280, 84.1680, 60.5520**.

Distribution



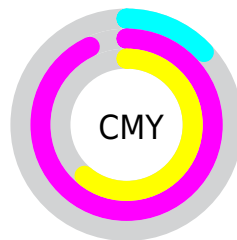
- Red (87%)
- Green (7%)
- Blue (39%)



- Red (87%)
- Yellow (7%)
- Blue (39%)



- Cyan (0%)
- Magenta (91%)
- Yellow (55%)
- Black (13%)





- Cyan (13%)
- Magenta (93%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 88.6320, 94.3910, 68.0150 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 88.6320, 94.3910, 68.0150 by changing the saturation by 10% instead.


 88.6320, 94.3910,
68.0150

 88.6320, 94.3910,
68.0150


255.0000, -0.0000,
-0.0000


 65.4740, 88.8440,
63.9160


 149.8110, 77.1090,
50.8130


 53.6970, 77.4300,
50.5020


 170.3850, 60.5130,
43.2090


 42.0340, 65.6950,
37.3990


 191.0730, 43.5960,
35.9160

 30.4420, 55.1980,
23.8860

 211.9890, 26.0370,
29.2450

 20.9730, 40.1610,
15.5610

 231.5200, 11.0000,
20.9200

 10.5790, 20.5390,
7.7310

 249.7170, 2.4750,

 0.0000, 0.0000,

4.7070

0.0000

■ 88.6320, 94.3910,
68.0150

■ 88.6320, 94.3910,
68.0150

■ 76.2250, 103.1470,
74.5310

■ 103.0280, 84.1680,
60.5520

■ 117.5380, 73.6240,
53.4000

■ 131.9340, 63.4010,
45.9370

■ 146.3300, 53.1780,
38.4740

■ 161.3130, 42.6800,
30.4880

■ 175.8230, 32.1360,
23.3360

■ 190.2190, 21.9130,
15.8730

■ 204.6150, 11.6900,
8.4100

■ 219.0110, 1.4670,
0.9470

Harmonies

Analogous

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



105.5580, 53.6770, 67.9890



88.6320, 94.3910, 68.0150



100.6950, 96.9660, 26.8380

Triad

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



88.6320, 94.3910, 68.0150



92.1460, -5.6290, -57.7010



104.4050, -110.7260, 2.2820

Complementary

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



88.6320, 94.3910, 68.0150



151.3680, -94.3910, -68.0150

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.



103.8400, -99.4900, -14.1300



88.6320, 94.3910, 68.0150



88.1880, -58.1730, -52.5810

Square

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



88.6320, 94.3910, 68.0150



105.4560, 41.1330, -35.1150



97.0000, -80.2300, -32.7900



96.0390, -109.2150, 13.4490

Rectangle

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



88.6320, 94.3910, 68.0150



104.3460, 89.4980, -3.0300



97.0000, -80.2300, -32.7900



104.9120, -108.0200, -2.7080

Sweetspot

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



88.6320, 94.3910, 68.0150



209.8230, 32.1360, 23.3360



77.3100, 5.4860, 87.8380



101.0830, 19.3000, 13.6680



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.



88.6320, 94.3910, 68.0150



87.8730, 119.2380, 85.7820



89.3770, 115.7170, 33.9330



102.7450, 5.2720, 3.5760



59.7070, 80.6380, 58.4460



15.8060, 21.6380, 15.3500

Inverse Universe

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



88.6320, 94.3910, 68.0150



87.8730, 119.2380, 85.7820



150.6230, -115.7170, -33.9330



102.7450, 5.2720, 3.5760



59.7070, 80.6380, 58.4460



15.8060, 21.6380, 15.3500

Previews

White Background



This preview shows how the YIQ color 88.6320, 94.3910, 68.0150 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 88.6320, 94.3910, 68.0150 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 88.6320, 94.3910, 68.0150

Background



This preview shows how black text looks on a background with the YIQ color 88.6320, 94.3910, 68.0150.



This preview shows how white text looks on a background with the YIQ color 88.6320, 94.3910,

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

88.6320, 94.3910, 68.0150

Protanopia

115.6260, -13.2060, 8.0580

Deuteranopia

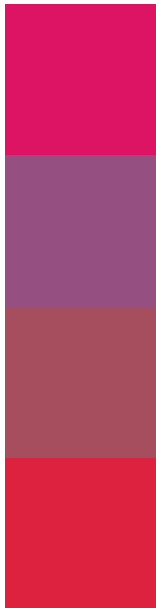
115.0100, 20.4030, -0.8210



Tritanopia

95.5100, 105.2170, 37.0010

Trichromacy



Original Color

88.6320, 94.3910, 68.0150

Protanomaly

105.5160, 25.9910, 30.0790

Deuteranomaly

105.5490, 47.5870, 24.1550

Tritanomaly

92.9200, 101.5470, 48.4510

Monochromacy



Original Color

88.6320, 94.3910, 68.0150

Achromatopsia

89.0000, -0.0000, -0.0000

Achromatomaly

89.1330, 34.1990, 24.4950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 88.6320, 94.3910, 68.0150 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(221, 19, 100)` looks like.

```
.text, #text, p{  
    color:rgb(221, 19, 100)  
}
```

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(221, 19, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 19, 100) }
```

Border

The CSS property to change the border of an element to YIQ 88.6320, 94.3910, 68.0150 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(221, 19, 100) }
```


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

```
.border{ border-color:rgb(221, 19, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 19, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 19, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 19, 100);  
box-shadow:4px 4px 4px 4px rgb(221, 19,  
100) }
```

Background

The CSS property to change the background color of an element to YIQ 88.6320, 94.3910, 68.0150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 19, 100) }
```

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

```
.background{ background-color: rgb(221, 19,  
100) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor