

Converting Colors

YIQ(93.9040, 81.2810, 52.2970)

Have a look what the booklet for
YIQ(93.9040, 81.2810, 52.2970)
contains.

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Color

**YIQ(93.9040, 81.2810,
52.2970)**

Conversions

Conversions Part 1

Format	Color
Hex	CC265D
RGB	204, 38, 93
RGB Percent	80%, 15%, 36%
CMY	0.1996, 0.8512, 0.6350
CMYK	0.00, 0.81, 0.54, 0.20
HSL	340°, 69%, 47%
HSV	340°, 81%, 80%
XYZ	27.6017, 15.0262, 11.8181
YIQ	93.9040, 81.2810, 52.2970

Conversions

Conversions Part 2

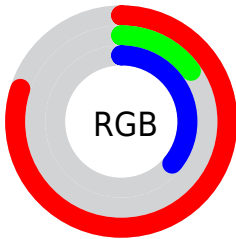
Format	Color
RYB	204, 38, 93
Decimal	13379165
CIELab	45.67, 65.29, 10.93
CIElCh	46, 66.196, 9.500
Yxy	15.0262, 0.5070, 0.2760
Android (android.graphics.Color)	4291569245 (0xFFCC265D)
YUV	93.9040, -0.4457, 96.5542
Hunter-Lab	38.7636, 59.2647, 9.0585

Details

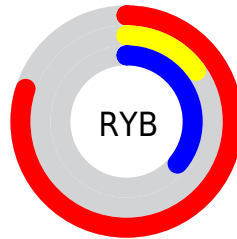
The YIQ color **93.9040, 81.2810, 52.2970** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted red. A complement of this color would be **148.0960, -81.2810, -52.2970**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.4210, 78.0270, 45.1870**, and **48.2290, 69.8200, 45.2440** is the 20% darker color. If you saturate the color by 10%, you get **80.5680, 91.2750, 58.4030**, and if you desaturate by 10%, it is **107.2400, 71.2870, 46.1910**.

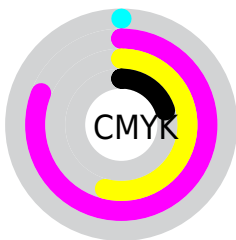
Distribution



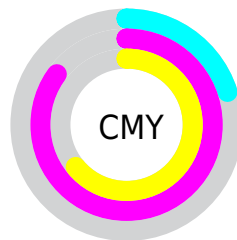
- Red (80%)
- Green (15%)
- Blue (36%)



- Red (80%)
- Yellow (15%)
- Blue (36%)



- Cyan (0%)
- Magenta (81%)
- Yellow (54%)
- Black (20%)



- Cyan (20%)
- Magenta (85%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 93.9040, 81.2810, 52.2970 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 93.9040, 81.2810, 52.2970 by changing the saturation by 10% instead.

■ 93.9040, 81.2810,
52.2970

■ 93.9040, 81.2810,
52.2970

■ 255.0000, -0.0000,
-0.0000

■ 59.7070, 80.6380,
58.4460

■ 152.4210, 78.0270,
45.1870

■ 48.2290, 69.8200,
45.2440

■ 171.8210, 61.9810,
38.6290

■ 36.9790, 58.3600,
32.6640

■ 192.0360, 45.0180,
32.1700

■ 25.2300, 49.7430,
18.1190

■ 212.1370, 28.3760,
25.4000

■ 16.6730, 32.1380,
12.2820

■ 233.0530, 10.8170,
18.7290

■ 2.6910, 5.3640,
1.9080

■ 250.3040, 2.2000,

■ 0.0000, 0.0000,

4.1840

0.0000

■ 93.9040, 81.2810,
52.2970

■ 93.9040, 81.2810,
52.2970

■ 80.5680, 91.2750,
58.4030

■ 107.2400, 71.2870,
46.1910

■ 68.7480, 99.7560,
64.3960

■ 121.0490, 61.3390,
39.2510

■ 134.3850, 51.3450,
33.1450

■ 148.3080, 41.0760,
26.5160

■ 161.5300, 31.4030,
20.0990

■ 174.8660, 21.4090,
13.9930

■ 188.7890, 11.1400,
7.3640

■ 202.0110, 1.4670,
0.9470

■ 215.9340, -8.8020,
-5.6820

Harmonies

Analogous

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



103.0100, 49.0480, 58.2640



93.9040, 81.2810, 52.2970



98.6610, 85.1380, 20.9300

Triad

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



93.9040, 81.2810, 52.2970



88.0370, -3.7040, -54.0400



97.5430, -102.4270, 0.5570

Complementary

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



93.9040, 81.2810, 52.2970



148.0960, -81.2810, -52.2970

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.



97.1890, -93.1630, -13.1550



93.9040, 81.2810, 52.2970



83.9480, -57.2570, -47.1530

Square

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



93.9040, 81.2810, 52.2970



99.5420, 38.0150, -33.6730



91.7340, -76.4250, -30.1610



88.9490, -100.2740, 11.1020

Rectangle

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



93.9040, 81.2810, 52.2970



100.1600, 81.1540, -5.9980



91.7340, -76.4250, -30.1610



98.3920, -100.6840, -3.5000

Sweetspot

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



93.9040, 81.2810, 52.2970



214.5190, 29.9360, 19.1520



90.1130, 12.8700, 75.1580



103.4310, 18.2000, 11.5760



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.



93.9040, 81.2810, 52.2970



89.2120, 122.3570, 78.8130



104.0700, 91.2360, 20.5480



95.3320, 4.9970, 3.0530



55.9040, 81.2810, 52.2970



12.8440, 18.4750, 12.0990

Inverse Universe

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



93.9040, 81.2810, 52.2970



89.2120, 122.3570, 78.8130



137.9300, -91.2360, -20.5480



95.3320, 4.9970, 3.0530



55.9040, 81.2810, 52.2970



12.8440, 18.4750, 12.0990

Previews

White Background



This preview shows how the YIQ color 93.9040, 81.2810, 52.2970 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 93.9040, 81.2810, 52.2970 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 93.9040, 81.2810, 52.2970

Background



This preview shows how black text looks on a background with the YIQ color 93.9040, 81.2810, 52.2970.



This preview shows how white text looks on a background with the YIQ color 93.9040, 81.2810,

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

93.9040, 81.2810, 52.2970

Protanopia

109.3830, -8.2080, 5.5840

Deuteranopia

109.5970, 20.1280, -1.3440



Tritanopia

95.5620, 90.2710, 32.5350

Trichromacy



Original Color

93.9040, 81.2810, 52.2970

Protanomaly

103.9900, 24.2960, 22.2480

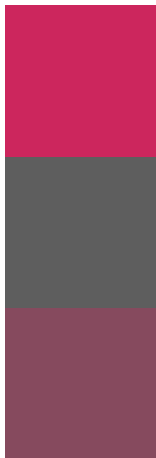
Deuteranomaly

104.2230, 42.4530, 18.0770

Tritanomaly

95.2230, 87.1520, 39.5040

Monochromacy



Original Color

93.9040, 81.2810, 52.2970

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.2200, 29.3400, 18.9400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 93.9040, 81.2810, 52.2970 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(204, 38, 93)` looks like.

```
.text, #text, p{  
    color:rgb(204, 38, 93)  
}
```

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(204, 38, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 38, 93) }
```

Border

The CSS property to change the border of an element to YIQ 93.9040, 81.2810, 52.2970 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(204, 38, 93) }
```


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

```
.border{ border-color:rgb(204, 38, 93) }
```

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

Here you see how a box with a 4 pixel rgb(204, 38, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 38, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 38, 93);  
box-shadow:4px 4px 4px 4px rgb(204, 38,  
93) }
```

Background

The CSS property to change the background color of an element to YIQ 93.9040, 81.2810, 52.2970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 38, 93) }
```

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

```
.background{ background-color: rgb(204, 38,  
93) }
```

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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