

# Converting Colors

YIQ(95.2970, 69.3950, 113.5470)

Have a look what the booklet for  
YIQ(95.2970, 69.3950, 113.5470)  
contains.

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# Color

**YIQ(95.2970, 69.3950,  
113.5470)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E803D4
RGB	232, 3, 212
RGB Percent	91%, 1%, 83%
CMY	0.0895, 0.9885, 0.1685
CMYK	0.00, 0.99, 0.09, 0.09
HSL	305°, 98%, 46%
HSV	305°, 99%, 91%
XYZ	45.2535, 22.0026, 64.1683
YIQ	95.2970, 69.3950, 113.5470

# Conversions

## Conversions Part 2

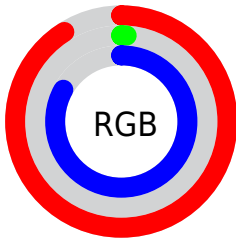
Format	Color
<a href="#">RYB</a>	<a href="#">232, 3, 212</a>
Decimal	<a href="#">15205332</a>
CIELab	<a href="#">54.03, 88.58, -46.94</a>
CIELCh	<a href="#">54, 100.245, 332.079</a>
Yxy	<a href="#">22.0026, 0.3443, 0.1674</a>
Android (android.graphics.Color)	<a href="#">4293395412 (0xFFE803D4)</a>
YUV	<a href="#">95.2970, 57.5346, 119.8885</a>
Hunter-Lab	<a href="#">46.9069, 90.1207, -48.2734</a>

# Details

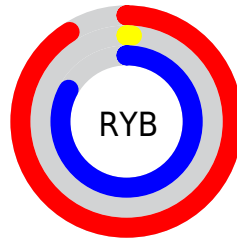
The YIQ color **95.2970, 69.3950, 113.5470** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **139.7030, -69.3950, -113.5470**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **163.4280, 42.9000, 81.5880**, and **69.0270, 51.5190, 85.0790** is the 20% darker color. If you saturate the color by 10%, you get **93.5360, 70.2200, 115.1160**, and if you desaturate by 10%, it is **109.0260, 62.4280, 102.1400**.

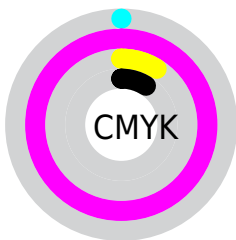
# Distribution



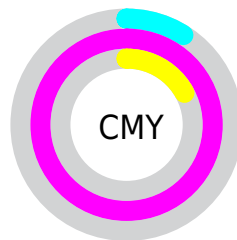
- Red (91%)
- Green (1%)
- Blue (83%)



- Red (91%)
- Yellow (1%)
- Blue (83%)



- Cyan (0%)
- Magenta (99%)
- Yellow (9%)
- Black (9%)




- Cyan (9%)
- Magenta (99%)
- Yellow (17%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 95.2970, 69.3950, 113.5470 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 95.2970, 69.3950, 113.5470 by changing the saturation by 10% instead.





 95.2970, 69.3950,  
113.5470


 95.2970, 69.3950,  
113.5470


255.0000, -0.0000,  
-0.0000


 81.3740, 61.3280,  
100.0480


 163.4280, 42.9000,  
81.5880


 69.3260, 52.1150,  
85.2910


 182.2120, 34.1000,  
64.8520


 57.2780, 42.9020,  
70.5340


 200.4090, 25.5750,  
48.6390

 45.3440, 33.3680,  
56.0880

 218.6060, 17.0500,  
32.4260

 34.1220, 24.7050,  
42.3770

 236.2160, 8.8000,  
16.7360

 22.8290, 14.8040,  
29.0760

254.4130, 0.2750,

 10.6390, 3.1150,

0.5230

15.1390

■ 0.5700, -1.6050,  
1.5550

■ 0.0000, 0.0000,  
0.0000

■ 95.2970, 69.3950,  
113.5470

■ 95.2970, 69.3950,  
113.5470

■ 93.5360, 70.2200,  
115.1160

■ 109.0260, 62.4280,  
102.1400

■ 122.7550, 55.4610,  
90.7330

■ 137.0710, 48.2190,  
78.8030

■ 150.8000, 41.2520,  
67.3960

■ 164.5290, 34.2850,  
55.9890

■ 178.2580, 27.3180,  
44.5820

■ 191.9870, 20.3510,  
33.1750

■ 206.3030, 13.1090,  
21.2450

■ 220.0320, 6.1420,  
9.8380

# Harmonies

## Analogous

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



123.6280, -40.7690, 50.5510



95.2970, 69.3950, 113.5470



90.7230, 111.2130, 93.5570

# Triad

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



95.2970, 69.3950, 113.5470



120.5840, 55.3920, -34.7200



120.7610, -115.4450, -16.8290

# Complementary

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



95.2970, 69.3950, 113.5470



139.7030, -69.3950, -113.5470

# 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.



110.2560, -87.2430, -43.3630



95.2970, 69.3950, 113.5470



103.9080, -8.1950, -66.2670

# Square

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



95.2970, 69.3950, 113.5470



117.7240, 106.0490, -0.1190



96.7360, -54.6850, -71.7490



121.8160, -125.3050, -3.3290



# Rectangle

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



95.2970, 69.3950, 113.5470



84.3390, 129.1890, 76.1410



96.7360, -54.6850, -71.7490



117.6830, -106.7780, -25.2260

# Sweetspot

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



95.2970, 69.3950, 113.5470



209.5900, 23.1470, 37.5710



34.7870, -62.1850, 75.2470



100.4280, 14.2550, 22.5030



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.



95.2970, 69.3950, 113.5470



102.8070, 77.1870, 126.5230



82.3010, 105.9890, 78.0930



110.4290, 3.3460, 5.4420



72.9290, 54.9110, 89.6870



21.7320, 16.4550, 26.6870



# Inverse Universe

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



95.2970, 69.3950, 113.5470



102.8070, 77.1870, 126.5230



152.6990, -105.9890, -78.0930



110.4290, 3.3460, 5.4420



72.9290, 54.9110, 89.6870



21.7320, 16.4550, 26.6870



# Previews

## White Background



This preview shows how the YIQ color 95.2970, 69.3950, 113.5470 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

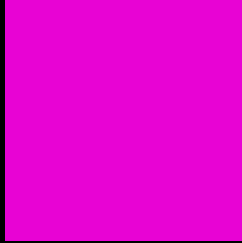
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 95.2970, 69.3950, 113.5470 looks on a black 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

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

# YIQ 95.2970, 69.3950, 113.5470

## Background



This preview shows how black text looks on a background with the YIQ color 95.2970, 69.3950, 113.5470.



This preview shows how white text looks on a background with the YIQ color 95.2970, 69.3950,



# 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

95.2970, 69.3950, 113.5470

### Protanopia

117.9820, -86.7050, 24.0070

### Deuteranopia

127.9990, -41.8170, 14.4630



## Tritanopia

124.6470, 79.7260, 30.9100

# Trichromacy



## Original Color

95.2970, 69.3950, 113.5470



## Protanomaly

109.4770, -29.8580, 56.5580



## Deuteranomaly

116.2180, -1.5680, 50.4640



## Tritanomaly

113.9500, 75.6400, 60.9200

# Monochromacy



## Original Color

95.2970, 69.3950, 113.5470



## Achromatopsia

95.0000, -0.0000, -0.0000



## Achromatomaly

95.4810, 25.0720, 41.2320

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 95.2970, 69.3950, 113.5470 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(232, 3, 212)` looks like.

```
.text, #text, p{  
    color:rgb(232, 3, 212)  
}
```

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(232, 3, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 3, 212) }
```

## Border

The CSS property to change the border of an element to YIQ 95.2970, 69.3950, 113.5470 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(232, 3, 212) }
```



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

```
.border{ border-color:rgb(232, 3, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 3, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 3, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 3, 212);  
box-shadow:4px 4px 4px 4px rgb(232, 3,  
212) }
```

# Background

The CSS property to change the background color of an element to YIQ 95.2970, 69.3950, 113.5470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 3, 212) }
```

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

```
.background{ background-color: rgb(232, 3,  
212) }
```

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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