

Converting Colors

YIQ(89.5070, 59.9960, 113.1800)

Have a look what the booklet for
YIQ(89.5070, 59.9960, 113.1800)
contains.

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Color

**YIQ(89.5070, 59.9960,
113.1800)**

Conversions

Conversions Part 1

Format	Color
Hex	D900D8
RGB	217, 0, 216
RGB Percent	85%, 0%, 85%
CMY	0.1484, 0.9999, 0.1529
CMYK	0.00, 1.00, 0.01, 0.15
HSL	300°, 100%, 43%
HSV	300°, 100%, 85%
XYZ	41.0616, 19.7360, 66.6232
YIQ	89.5070, 59.9960, 113.1800

Conversions

Conversions Part 2

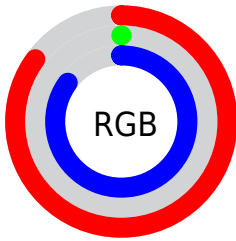
Format	Color
RYB	217, 0, 216
Decimal	14221528
CIELab	51.54, 86.87, -53.35
CIELCh	52, 101.944, 328.445
Yxy	19.7360, 0.3223, 0.1549
Android (android.graphics.Color)	4292411608 (0xFFD900D8)
YUV	89.5070, 62.3610, 111.8114
Hunter-Lab	44.4252, 87.2413, -57.8180

Details

The YIQ color **89.5070, 59.9960, 113.1800** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **127.4930, -59.9960, -113.1800**, and the grayscale version is **89.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **161.6670, 43.7250, 83.1570**, and **65.1830, 42.2120, 83.0440** is the 20% darker color. If you saturate the color by 10%, you get **89.5070, 59.9960, 113.1800**, and if you desaturate by 10%, it is **102.4210, 53.9460, 101.6740**.

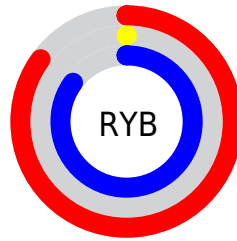
Distribution



Red (85%)

Green (0%)

Blue (85%)



Red (85%)

Yellow (0%)

Blue (85%)

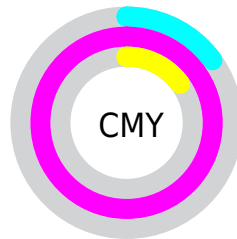


Cyan (0%)

Magenta (100%)

Yellow (1%)

Black (15%)



Cyan (15%)


Magenta (100%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 89.5070, 59.9960, 113.1800 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 89.5070, 59.9960, 113.1800 by changing the saturation by 10% instead.


 89.5070, 59.9960,
113.1800


 89.5070, 59.9960,
113.1800


255.0000, -0.0000,
-0.0000


 77.3450, 51.1040,
98.1120


 161.6670, 43.7250,
83.1570


 65.1830, 42.2120,
83.0440


 180.4510, 34.9250,
66.4210

 53.4340, 33.5950,
68.4990


 198.0610, 26.6750,
50.7310

 41.7990, 24.6570,
54.2650

 216.2580, 18.1500,
34.5180

 30.6910, 15.6730,
40.8650

 233.8680, 9.9000,
18.8280

 18.8710, 5.8180,
26.7300

 251.4780, 1.6500,

 3.9900, -11.2350,

3.1380

10.8850

■ 1.1400, -3.2100,
3.1100

■ 0.0000, 0.0000,
0.0000

■ 89.5070, 59.9960,
113.1800

■ 102.4210, 53.9460,
101.6740

■ 114.7480, 48.1710,
90.6910

■ 127.6620, 42.1210,
79.1850

■ 140.5760, 36.0710,
67.6790

■ 153.6040, 29.7000,
56.4840

■ 165.9310, 23.9250,
45.5010

■ 178.8450, 17.8750,
33.9950

■ 191.7590, 11.8250,
22.4890

■ 204.0860, 6.0500,
11.5060

Harmonies

Analogous

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



110.4830, -65.5260, 42.1700



89.5070, 59.9960, 113.1800



91.2930, 109.6080, 95.1120

Triad

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



89.5070, 59.9960, 113.1800



115.8990, 59.0590, -29.5890



115.5290, -108.9800, -18.3560

Complementary

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



89.5070, 59.9960, 113.1800



127.4930, -59.9960, -113.1800

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.



104.2090, -79.8610, -44.9890



89.5070, 59.9960, 113.1800



101.3050, -1.8230, -60.5990

Square

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



89.5070, 59.9960, 113.1800



108.6200, 109.5780, 7.5140



88.6370, -41.5250, -78.9730



118.8810, -123.9300, -0.7140

Rectangle

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



89.5070, 59.9960, 113.1800



84.7950, 127.9050, 77.3850



88.6370, -41.5250, -78.9730



111.6360, -99.3960, -26.8520

Sweetspot

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



89.5070, 59.9960, 113.1800



210.3880, 20.9000, 39.7480



24.7380, -69.6570, 67.4870



100.8840, 12.9710, 23.7470



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.



89.5070, 59.9960, 113.1800



105.2010, 70.4460, 133.0540



77.3090, 94.3430, 79.9030



103.5430, 3.0250, 5.7530



71.3350, 47.8960, 90.1680



18.9980, 12.6500, 24.0580

Inverse Universe

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



89.5070, 59.9960, 113.1800



105.2010, 70.4460, 133.0540



139.8050, -94.6640, -79.5920



103.5430, 3.0250, 5.7530



71.3350, 47.8960, 90.1680



18.9980, 12.6500, 24.0580

Previews

White Background



This preview shows how the YIQ color 89.5070, 59.9960, 113.1800 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 89.5070, 59.9960, 113.1800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

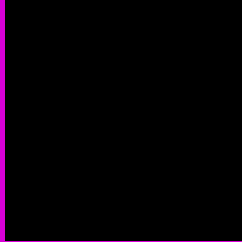
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 89.5070, 59.9960, 113.1800

Background



This preview shows how black text looks on a background with the YIQ color 89.5070, 59.9960, 113.1800.



This preview shows how white text looks on a background with the YIQ color 89.5070, 59.9960,

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

89.5070, 59.9960, 113.1800

Protanopia

99.3960, -114.5340, 16.2340

Deuteranopia

119.2410, -54.2420, 13.8700



Tritanopia

121.1510, 69.3190, 26.7830

Trichromacy



Original Color

89.5070, 59.9960, 113.1800



Protanomaly

95.5930, -50.8560, 51.6400



Deuteranomaly

108.6450, -13.0760, 49.7720



Tritanomaly

109.6930, 66.0580, 58.3620

Monochromacy



Original Color

89.5070, 59.9960, 113.1800



Achromatopsia

90.0000, -0.0000, -0.0000



Achromatomaly

89.6270, 21.7250, 41.3170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 89.5070, 59.9960, 113.1800 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(217, 0, 216)` looks like.

```
.text, #text, p{  
    color:rgb(217, 0, 216)  
}
```

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(217, 0, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 0, 216) }
```

Border

The CSS property to change the border of an element to YIQ 89.5070, 59.9960, 113.1800 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(217, 0, 216) }
```


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

```
.border{ border-color:rgb(217, 0, 216) }
```

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

Here you see how a box with a 4 pixel rgb(217, 0, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 0, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 0, 216);  
box-shadow:4px 4px 4px 4px rgb(217, 0,  
216) }
```

Background

The CSS property to change the background color of an element to YIQ 89.5070, 59.9960, 113.1800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 0, 216) }
```

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

```
.background{ background-color: rgb(217, 0,  
216) }
```

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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