

Converting Colors

YIQ(108.3860, 79.3900,
114.1260)

Have a look what the booklet for
YIQ(108.3860, 79.3900, 114.1260)
contains.

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Color

**YIQ(108.3860, 79.3900,
114.1260)**

Conversions

Conversions Part 1

Format	Color
Hex	FF0DD7
RGB	255, 13, 215
RGB Percent	100%, 5%, 84%
CMY	0.0000, 0.9492, 0.1567
CMYK	0.00, 0.95, 0.16, 0.00
HSL	310°, 100%, 53%
HSV	310°, 95%, 100%
XYZ	53.6536, 26.4536, 66.5954
YIQ	108.3860, 79.3900, 114.1260

Conversions

Conversions Part 2

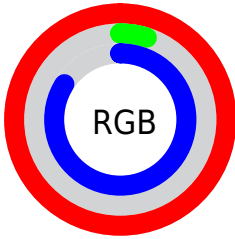
Format	Color
R_{YB}	255, 13, 215
Decimal	16715223
CIE _{Lab}	58.47, 92.26, -41.38
CIE _{LCh}	58, 101.113, 335.842
Yxy	26.4536, 0.3657, 0.1803
Android (android.graphics.Color)	4294905303 (0xFFFF0DD7)
YUV	108.3860, 52.5607, 128.5805
Hunter-Lab	51.4331, 96.1983, -40.7653

Details

The YIQ color **108.3860, 79.3900, 114.1260** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **159.6140, -79.3900, -114.1260**, and the grayscale version is **108.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **167.5370, 40.9750, 77.9270**, and **75.9470, 63.6680, 90.6760** is the 20% darker color. If you saturate the color by 10%, you get **100.5270, 83.6070, 120.3030**, and if you desaturate by 10%, it is **123.5170, 71.2310, 102.2950**.

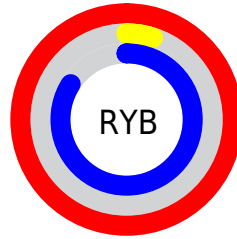
Distribution



Red (100%)

Green (5%)

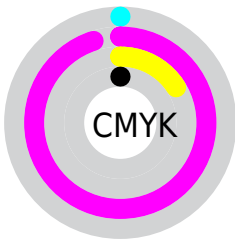
Blue (84%)



Red (100%)

Yellow (5%)

Blue (84%)

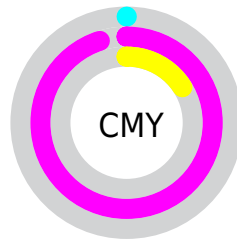


Cyan (0%)

Magenta (95%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (95%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 108.3860, 79.3900, 114.1260 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 108.3860, 79.3900, 114.1260 by changing the saturation by 10% instead.


 108.3860, 79.3900,
114.1260


 108.3860, 79.3900,
114.1260


255.0000, -0.0000,
-0.0000


 88.2940, 73.4770,
105.6450


 167.5370, 40.9750,
77.9270


 75.9470, 63.6680,
90.6760


 186.3210, 32.1750,
61.1910


 63.8990, 54.4550,
75.9190


 205.1050, 23.3750,
44.4550

 51.9650, 44.9210,
61.4730

 222.7150, 15.1250,
28.7650

 40.1450, 35.0660,
47.3380

 240.9120, 6.6000,
12.5520

 29.1510, 25.7610,
34.2490

 17.5590, 15.2640,

20.7360

■ 1.1400, -3.2100,
3.1100

■ 0.0000, 0.0000,
0.0000

■ 108.3860, 79.3900,
114.1260

■ 108.3860, 79.3900,
114.1260

■ 100.5270, 83.6070,
120.3030

■ 123.5170, 71.2310,
102.2950

■ 139.2350, 62.7970,
89.9410

■ 154.4800, 54.3170,
78.4210

■ 170.1980, 45.8830,
66.0670

■ 185.3290, 37.7240,
54.2360

■ 201.0470, 29.2900,
41.8820

■ 216.2920, 20.8100,
30.3620

■ 232.0100, 12.3760,
18.0080

■ 247.1410, 4.2170,
6.1770

Harmonies

Analogous

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



136.7400, -20.4130, 56.0910



108.3860, 79.3900, 114.1260



90.8370, 110.8920, 93.8680

Triad

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



108.3860, 79.3900, 114.1260



130.5850, 53.6510, -41.7170



131.1280, -126.7240, -16.1640

Complementary

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



108.3860, 79.3900, 114.1260



159.6140, -79.3900, -114.1260

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.



121.0960, -98.4760, -43.5320



108.3860, 79.3900, 114.1260



109.7340, -16.8130, -75.2850

Square

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



108.3860, 79.3900, 114.1260



130.3830, 105.2710, -8.0490



107.8040, -66.5600, -71.2960



128.2730, -128.3300, -9.0820

Rectangle

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



108.3860, 79.3900, 114.1260



84.2250, 129.5100, 75.8300



107.8040, -66.5600, -71.2960



127.9360, -117.7360, -24.8720

Sweetspot

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



108.3860, 79.3900, 114.1260



211.9550, 23.3770, 33.4010



51.3520, -56.2260, 82.8940



101.2600, 14.6680, 20.5240



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.



108.3860, 79.3900, 114.1260



100.5270, 83.6070, 120.3030



95.0480, 116.9470, 77.7390



120.0270, 4.5380, 5.8660



75.3490, 62.4760, 90.2520



25.1780, 21.1310, 30.0510

Inverse Universe

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



108.3860, 79.3900, 114.1260



100.5270, 83.6070, 120.3030



172.9520, -116.9470, -77.7390



120.0270, 4.5380, 5.8660



75.3490, 62.4760, 90.2520



25.1780, 21.1310, 30.0510

Previews

White Background



This preview shows how the YIQ color 108.3860, 79.3900, 114.1260 looks on a white background.

Color Contrast Check

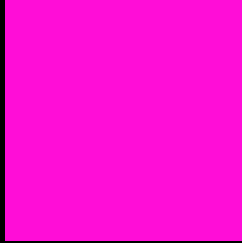
Large Text (above 18pt) WCAG AA ✓ Pass

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 108.3860, 79.3900, 114.1260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

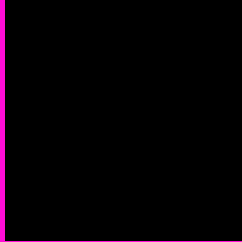
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 108.3860, 79.3900, 114.1260

Background



This preview shows how black text looks on a background with the YIQ color 108.3860, 79.3900, 114.1260.



This preview shows how white text looks on a background with the YIQ color 108.3860, 79.3900,

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

108.3860, 79.3900, 114.1260

Protanopia

134.5940, -70.9330, 24.5150

Deuteranopia

140.4900, -33.0140, 14.6180



Tritanopia

133.1110, 93.1590, 35.2630

Trichromacy



Original Color

108.3860, 79.3900, 114.1260



Protanomaly

125.3060, -16.1950, 56.7410



Deuteranomaly

129.0080, 7.8310, 50.8310



Tritanomaly

124.1750, 88.2480, 63.7040

Monochromacy



Original Color

108.3860, 79.3900, 114.1260



Achromatopsia

108.0000, -0.0000, 0.0000



Achromatomaly

107.7480, 28.6940, 41.6700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 108.3860, 79.3900, 114.1260 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(255, 13, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 13, 215)  
}
```

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(255, 13, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 13, 215) }
```

Border

The CSS property to change the border of an element to YIQ 108.3860, 79.3900, 114.1260 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(255, 13, 215) }
```


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

```
.border{ border-color:rgb(255, 13, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 13, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 13, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 13, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 13,  
215) }
```

Background

The CSS property to change the background color of an element to YIQ 108.3860, 79.3900, 114.1260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 13, 215) }
```

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

```
.background{ background-color: rgb(255, 13,  
215) }
```

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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