

Converting Colors

YIQ(107.5010, 102.5500,
79.8460)

Have a look what the booklet for
YIQ(107.5010, 102.5500, 79.8460)
contains.

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Color

**YIQ(107.5010, 102.5500,
79.8460)**

Conversions

Conversions Part 1

Format	Color
Hex	FF1C82
RGB	255, 28, 130
RGB Percent	100%, 11%, 51%
CMY	0.0000, 0.8904, 0.4899
CMYK	0.00, 0.89, 0.49, 0.00
HSL	333°, 100%, 55%
HSV	333°, 89%, 100%
XYZ	45.6879, 23.7000, 23.3151
YIQ	107.5010, 102.5500, 79.8460

Conversions

Conversions Part 2

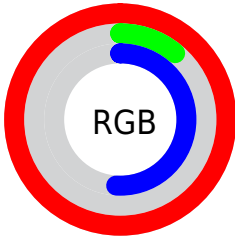
Format	Color
R_{YB}	255, 28, 130
Decimal	16718978
CIE _{Lab}	55.79, 82.25, 4.12
CIE _{LCh}	56, 82.354, 2.865
Yxy	23.7000, 0.4928, 0.2557
Android (android.graphics.Color)	4294909058 (0xFFFF1C82)
YUV	107.5010, 11.0920, 129.3566
Hunter-Lab	48.6826, 82.3250, 5.6827

Details

The YIQ color **107.5010, 102.5500, 79.8460** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **175.4990, -102.5500, -79.8460**, and the grayscale version is **107.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **159.9160, 63.8120, 55.0120**, and **66.3430, 87.8350, 65.6830** is the 20% darker color. If you saturate the color by 10%, you get **90.6430, 114.1940, 89.0900**, and if you desaturate by 10%, it is **123.7720, 91.1810, 71.1250**.

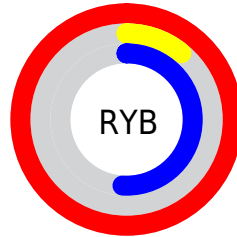
Distribution



Red (100%)

Green (11%)

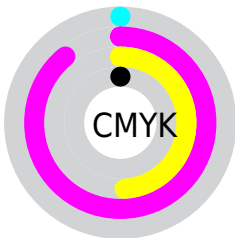
Blue (51%)



Red (100%)

Yellow (11%)

Blue (51%)

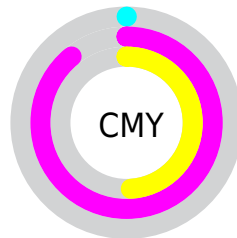


Cyan (0%)

Magenta (89%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (89%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 107.5010, 102.5500, 79.8460 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 107.5010, 102.5500, 79.8460 by changing the saturation by 10% instead.


 107.5010,
102.5500, 79.8460


 107.5010,
102.5500, 79.8460


255.0000, -0.0000,
-0.0000


 78.6470, 99.2030,
79.9310


 159.9160, 63.8120,
55.0120


 66.3430, 87.8350,
65.6830


 181.1910, 46.6200,
47.1960

 54.5660, 76.4210,
52.2690


 202.5800, 29.1070,
39.6910

 42.9030, 64.6860,
39.1660

 222.1280, 15.4000,
29.2880

 31.1260, 53.2720,
25.7520

 239.7380, 7.1500,
13.5980

 20.6740, 39.5650,
15.3490

 10.5790, 20.5390,

7.7310

■ 0.0000, 0.0000,
0.0000

■ 107.5010,
102.5500, 79.8460

■ 107.5010,
102.5500, 79.8460

■ 90.6430, 114.1940,
89.0900

■ 123.7720, 91.1810,
71.1250

■ 89.3550, 115.0650,
89.8250

■ 140.6300, 79.5370,
61.8810

■ 156.9010, 68.1680,
53.1600

■ 173.7590, 56.5240,
43.9160

■ 190.0300, 45.1550,
35.1950

■ 206.8880, 33.5110,
25.9510

■ 223.1590, 22.1420,
17.2300

■ 240.0170, 10.4980,
7.9860

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



128.5070, 49.6870, 74.2230



107.5010, 102.5500, 79.8460



117.3860, 111.4980, 38.8100

Triad

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



107.5010, 102.5500, 79.8460



112.8560, 6.7510, -61.8010



121.8160, -125.3050, -3.3290

Complementary

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



107.5010, 102.5500, 79.8460



175.4990, -102.5500, -79.8460

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.



120.2080, -112.5100, -20.4620



107.5010, 102.5500, 79.8460



101.1020, -64.2230, -64.0870

Square

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



107.5010, 102.5500, 79.8460



124.7150, 56.4010, -36.4870



112.1140, -89.7190, -42.5430



111.8370, -120.6300, 5.5620

Rectangle

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



107.5010, 102.5500, 79.8460



120.9910, 109.6710, 0.3190



112.1140, -89.7190, -42.5430



122.1920, -123.6080, -6.5520

Sweetspot

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



107.5010, 102.5500, 79.8460



210.1650, 31.1730, 24.2690



91.2530, 1.6330, 97.0970



101.3110, 18.6580, 14.2900



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.



107.5010, 102.5500, 79.8460



89.3550, 115.0650, 89.8250



102.3300, 132.2670, 42.3710



119.4570, 6.1430, 4.3110



66.9130, 86.2300, 67.2380



22.4420, 28.8350, 22.5870

Inverse Universe

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



107.5010, 102.5500, 79.8460



89.3550, 115.0650, 89.8250



180.6700, -132.2670, -42.3710



119.4570, 6.1430, 4.3110



66.9130, 86.2300, 67.2380



22.4420, 28.8350, 22.5870

Previews

White Background



This preview shows how the YIQ color 107.5010, 102.5500, 79.8460 looks on a white background.

Color Contrast Check

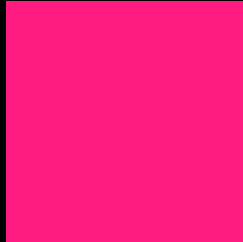
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.5010, 102.5500, 79.8460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

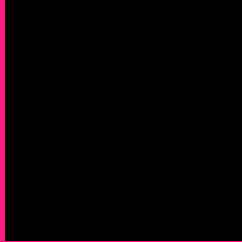
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 107.5010, 102.5500, 79.8460

Background



This preview shows how black text looks on a background with the YIQ color 107.5010, 102.5500, 79.8460.



This preview shows how white text looks on a background with the YIQ color 107.5010, 102.5500, 79.8460.

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

107.5010, 102.5500, 79.8460

Protanopia

134.1550, -24.7610, 13.7270

Deuteranopia

134.8510, 16.5970, 2.0770



Tritanopia

115.1200, 115.3030, 41.4390

Trichromacy



Original Color

107.5010, 102.5500, 79.8460



Protanomaly

124.2200, 21.3130, 37.7690



Deuteranomaly

124.6510, 47.5400, 30.5160



Tritanomaly

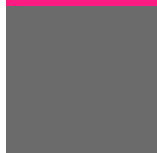
111.9260, 110.5780, 55.4900

Monochromacy



Original Color

107.5010, 102.5500, 79.8460



Achromatopsia

107.0000, -0.0000, 0.0000



Achromatomaly

107.0350, 37.5910, 29.1030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 107.5010, 102.5500, 79.8460 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, 28, 130)` looks like.

```
.text, #text, p{  
    color:rgb(255, 28, 130)  
}
```

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, 28, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 28, 130) }
```

Border

The CSS property to change the border of an element to YIQ 107.5010, 102.5500, 79.8460 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, 28, 130) }
```


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

```
.border{ border-color:rgb(255, 28, 130) }
```

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

Here you see how a box with a 4 pixel rgb(255, 28, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 28, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 28, 130);  
box-shadow:4px 4px 4px 4px rgb(255, 28,  
130) }
```

Background

The CSS property to change the background color of an element to YIQ 107.5010, 102.5500, 79.8460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 28, 130) }
```

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

```
.background{ background-color: rgb(255, 28,  
130) }
```

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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