

Converting Colors

YIQ(112.4830, 85.7660, 97.6860)

Have a look what the booklet for
YIQ(112.4830, 85.7660, 97.6860)
contains.

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Color

**YIQ(112.4830, 85.7660,
97.6860)**

Conversions

Conversions Part 1

Format	Color
Hex	FF1AB8
RGB	255, 26, 184
RGB Percent	100%, 10%, 72%
CMY	0.0000, 0.8983, 0.2782
CMYK	0.00, 0.90, 0.28, 0.00
HSL	319°, 100%, 55%
HSV	319°, 90%, 100%
XYZ	50.2648, 25.4576, 47.6425
YIQ	112.4830, 85.7660, 97.6860

Conversions

Conversions Part 2

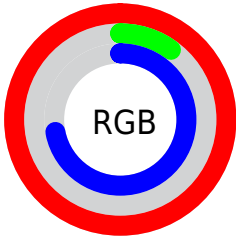
Format	Color
R _Y B	255, 26, 184
Decimal	16718520
CIE Lab	57.52, 87.45, -25.08
CIE LCh	58, 90.974, 343.997
Yxy	25.4576, 0.4074, 0.2064
Android (android.graphics.Color)	4294908600 (0xFFFF1AB8)
YUV	112.4830, 35.2579, 124.9874
Hunter-Lab	50.4555, 89.5283, -20.6656

Details

The YIQ color **112.4830, 85.7660, 97.6860** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **168.5170, -85.7660, -97.6860**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **167.0010, 45.2400, 72.2160**, and **72.6410, 72.9770, 81.6570** is the 20% darker color. If you saturate the color by 10%, you get **96.3090, 95.4840, 108.7960**, and if you desaturate by 10%, it is **128.0700, 76.3230, 87.0990**.

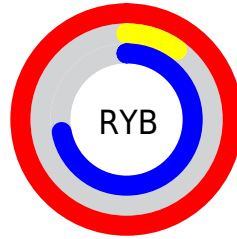
Distribution



Red (100%)

Green (10%)

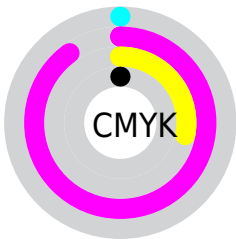
Blue (72%)



Red (100%)

Yellow (10%)

Blue (72%)

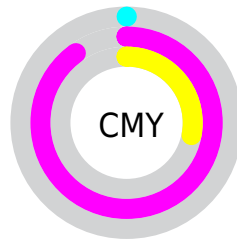


Cyan (0%)

Magenta (90%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (90%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 112.4830, 85.7660, 97.6860 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 112.4830, 85.7660, 97.6860 by changing the saturation by 10% instead.


 112.4830, 85.7660,
97.6860


 112.4830, 85.7660,
97.6860


255.0000, -0.0000,
-0.0000


 84.8740, 83.1070,
96.3150


 167.0010, 45.2400,
72.2160


 72.6410, 72.9770,
81.6570


 187.4950, 31.6250,
60.1450

 60.4080, 62.8470,
66.9990


 205.6920, 23.1000,
43.9320

 48.7020, 52.6710,
53.1750

 223.3020, 14.8500,
28.2420

 37.1100, 42.1740,
39.6620

 241.4990, 6.3250,
12.0290

 26.2300, 32.5480,
26.8840

 14.2960, 23.0140,

12.4380

■ 0.0000, 0.0000,
0.0000

■ 112.4830, 85.7660,
97.6860

■ 112.4830, 85.7660,
97.6860

■ 96.3090, 95.4840,
108.7960

■ 128.0700, 76.3230,
87.0990

■ 144.2440, 66.6050,
75.9890

■ 159.8310, 57.1620,
65.4020

■ 176.0050, 47.4440,
54.2920

■ 191.5920, 38.0010,
43.7050

■ 207.6520, 28.6040,
32.2840

■ 223.2390, 19.1610,
21.6970

■ 239.4130, 9.4430,
10.5870

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.



139.1500, 2.2800, 68.8400



112.4830, 85.7660, 97.6860



88.2150, 118.2750, 86.7150

Triad

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



112.4830, 85.7660, 97.6860



125.7680, 39.7140, -47.9500



127.4750, -126.0830, -11.2590

Complementary

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



112.4830, 85.7660, 97.6860



168.5170, -85.7660, -97.6860

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.



120.3270, -103.2000, -35.0080



112.4830, 85.7660, 97.6860



94.5070, -44.2750, -84.2030

Square

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



112.4830, 85.7660, 97.6860



130.2510, 87.6670, -19.4130



109.5770, -75.6860, -60.0860



122.9900, -125.8550, -4.3750

Rectangle

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



112.4830, 85.7660, 97.6860



113.5120, 120.0710, 43.1350



109.5770, -75.6860, -60.0860



126.1410, -119.5710, -19.1470

Sweetspot

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



112.4830, 85.7660, 97.6860



212.1030, 25.7160, 29.5560



72.7370, -32.3850, 85.8470



102.4510, 15.4480, 17.4000



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.



112.4830, 85.7660, 97.6860



96.3090, 95.4840, 108.7960



99.7150, 121.7180, 62.8540



119.9130, 4.8590, 5.5550



72.1570, 71.4640, 81.5440



24.1520, 24.0200, 27.2520

Inverse Universe

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



112.4830, 85.7660, 97.6860



96.3090, 95.4840, 108.7960



181.2850, -121.7180, -62.8540



119.9130, 4.8590, 5.5550



72.1570, 71.4640, 81.5440



24.1520, 24.0200, 27.2520

Previews

White Background



This preview shows how the YIQ color 112.4830, 85.7660, 97.6860 looks on a white background.

Color Contrast Check

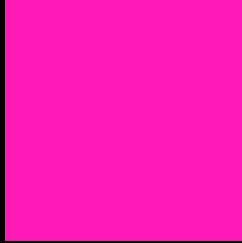
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.4830, 85.7660, 97.6860 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 112.4830, 85.7660, 97.6860

Background



This preview shows how black text looks on a background with the YIQ color 112.4830, 85.7660, 97.6860.



This preview shows how white text looks on a background with the YIQ color 112.4830, 85.7660,

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

112.4830, 85.7660, 97.6860

Protanopia

131.6370, -72.4920, 25.2360

Deuteranopia

139.8050, -12.1520, 10.9840



Tritanopia

126.8840, 101.2280, 37.7080

Trichromacy



Original Color

112.4830, 85.7660, 97.6860



Protanomaly

124.3290, -15.0020, 51.6380



Deuteranomaly

129.9370, 23.7880, 42.4760



Tritanomaly

121.5470, 95.7680, 59.5760

Monochromacy



Original Color

112.4830, 85.7660, 97.6860



Achromatopsia

112.0000, -0.0000, 0.0000



Achromatomaly

112.3150, 31.1710, 35.3230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.4830, 85.7660, 97.6860 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, 26, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 26, 184)  
}
```

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, 26, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 26, 184) }
```

Border

The CSS property to change the border of an element to YIQ 112.4830, 85.7660, 97.6860 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, 26, 184) }
```


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

```
.border{ border-color:rgb(255, 26, 184) }
```

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

Here you see how a box with a 4 pixel rgb(255, 26, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 26, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 26, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 26,  
184) }
```

Background

The CSS property to change the background color of an element to YIQ 112.4830, 85.7660, 97.6860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 26, 184) }
```

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

```
.background{ background-color: rgb(255, 26,  
184) }
```

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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