

Converting Colors

YIQ(114.9850, 69.6730, 97.4890)

Have a look what the booklet for
YIQ(114.9850, 69.6730, 97.4890)
contains.

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Color

**YIQ(114.9850, 69.6730,
97.4890)**

Conversions

Conversions Part 1

Format	Color
Hex	F221CC
RGB	242, 33, 204
RGB Percent	95%, 13%, 80%
CMY	0.0504, 0.8709, 0.1999
CMYK	0.00, 0.86, 0.16, 0.05
HSL	311°, 89%, 54%
HSV	311°, 86%, 95%
XYZ	48.1157, 24.3488, 59.3136
YIQ	114.9850, 69.6730, 97.4890

Conversions

Conversions Part 2

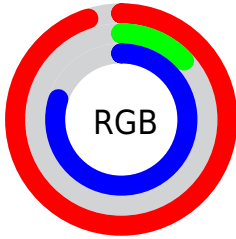
Format	Color
R_{YB}	242, 33, 204
Decimal	15868364
CIE _{Lab}	56.44, 86.27, -38.45
CIE _{LCh}	56, 94.452, 335.977
Yxy	24.3488, 0.3651, 0.1848
Android (android.graphics.Color)	4294058444 (0xFFFF221CC)
YUV	114.9850, 43.8844, 111.3922
Hunter-Lab	49.3445, 87.7024, -36.7274

Details

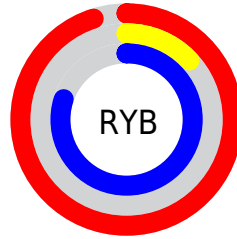
The YIQ color **114.9850, 69.6730, 97.4890** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **160.0150, -69.6730, -97.4890**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **169.2980, 40.1500, 76.3580**, and **71.1050, 60.0470, 84.7110** is the 20% darker color. If you saturate the color by 10%, you get **100.4410, 77.5570, 108.7970**, and if you desaturate by 10%, it is **129.5290, 61.7890, 86.1810**.

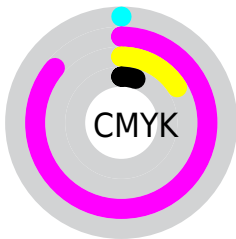
Distribution



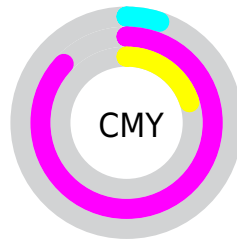
- Red (95%)
- Green (13%)
- Blue (80%)



- Red (95%)
- Yellow (13%)
- Blue (80%)



- Cyan (0%)
- Magenta (86%)
- Yellow (16%)
- Black (5%)





- Cyan (5%)
- Magenta (87%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 114.9850, 69.6730, 97.4890 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 114.9850, 69.6730, 97.4890 by changing the saturation by 10% instead.


 114.9850, 69.6730,
97.4890


 114.9850, 69.6730,
97.4890


255.0000, -0.0000,
-0.0000


 83.1530, 69.2600,
99.4680


 169.2980, 40.1500,
76.3580


 71.1050, 60.0470,
84.7110


 188.0820, 31.3500,
59.6220

 59.1710, 50.5130,
70.2650


 205.6920, 23.1000,
43.9320

 47.6500, 41.2540,
56.3420

 223.8890, 14.5750,
27.7190

 36.1290, 31.9950,
42.4190

 241.4990, 6.3250,
12.0290

 25.1350, 22.6900,
29.3300

 13.6570, 11.8720,

16.1280

■ 0.0000, 0.0000,
0.0000

■ 114.9850, 69.6730,
97.4890

■ 114.9850, 69.6730,
97.4890

■ 100.4410, 77.5570,
108.7970

■ 129.5290, 61.7890,
86.1810

■ 94.9300, 80.6740,
112.8820

■ 144.1870, 53.5840,
75.1840

■ 159.3180, 45.4250,
63.3530

■ 173.9760, 37.2200,
52.3560

■ 188.5200, 29.3360,
41.0480

■ 203.1780, 21.1310,
30.0510

■ 217.7220, 13.2470,
18.7430

■ 232.8530, 5.0880,
6.9120

■ 247.5110, -3.1170,
-4.0850

Harmonies

Analogous

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



133.7830, -21.9720, 56.8120



114.9850, 69.6730, 97.4890



90.2670, 112.4970, 92.3130

Triad

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



114.9850, 69.6730, 97.4890



125.8560, 51.4500, -40.3740



124.9500, -120.3510, -16.0230

Complementary

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



114.9850, 69.6730, 97.4890



160.0150, -69.6730, -97.4890

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.



115.7160, -94.3500, -41.2140



114.9850, 69.6730, 97.4890



107.1200, -11.9080, -70.5640

Square

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



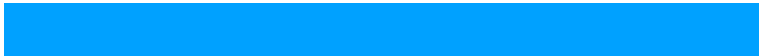
114.9850, 69.6730, 97.4890



125.6320, 100.1360, -8.6000



103.9230, -65.2770, -67.0130



123.5770, -126.1300, -4.8980

Rectangle

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



114.9850, 69.6730, 97.4890



84.2250, 129.5100, 75.8300



103.9230, -65.2770, -67.0130



122.6870, -112.6010, -24.3210

Sweetspot

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



114.9850, 69.6730, 97.4890



214.8900, 22.0020, 30.7860



67.2910, -46.2290, 72.4190



103.6080, 13.5680, 18.4320



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.



114.9850, 69.6730, 97.4890



100.0710, 84.8910, 119.0590



103.4710, 102.0940, 66.0780



112.7280, 3.9420, 5.6540



72.1160, 61.5140, 85.6580



21.9880, 18.6100, 26.1780

Inverse Universe

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



114.9850, 69.6730, 97.4890



100.0710, 84.8910, 119.0590



171.5290, -102.0940, -66.0780



112.7280, 3.9420, 5.6540



72.1160, 61.5140, 85.6580



21.9880, 18.6100, 26.1780

Previews

White Background



This preview shows how the YIQ color 114.9850, 69.6730, 97.4890 looks on a white background.

Color Contrast Check

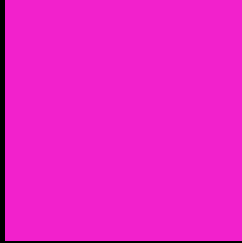
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.9850, 69.6730, 97.4890 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 114.9850, 69.6730, 97.4890

Background



This preview shows how black text looks on a background with the YIQ color 114.9850, 69.6730, 97.4890.



This preview shows how white text looks on a background with the YIQ color 114.9850, 69.6730,

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

114.9850, 69.6730, 97.4890

Protanopia

127.1850, -77.0310, 24.8970

Deuteranopia

135.2300, -29.3460, 14.2220



Tritanopia

129.5230, 86.0070, 32.7190

Trichromacy



Original Color

114.9850, 69.6730, 97.4890



Protanomaly

122.7240, -23.4840, 51.1720



Deuteranomaly

127.7210, 6.9610, 44.5690



Tritanomaly

124.2400, 80.4550, 56.2550

Monochromacy



Original Color

114.9850, 69.6730, 97.4890



Achromatopsia

115.0000, -0.0000, 0.0000



Achromatomaly

114.7920, 25.3940, 35.3940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.9850, 69.6730, 97.4890 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(242, 33, 204)` looks like.

```
.text, #text, p{  
    color:rgb(242, 33, 204)  
}
```

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(242, 33, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 33, 204) }
```

Border

The CSS property to change the border of an element to YIQ 114.9850, 69.6730, 97.4890 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(242, 33, 204) }
```


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

```
.border{ border-color:rgb(242, 33, 204) }
```

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

Here you see how a box with a 4 pixel rgb(242, 33, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 33, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 33, 204);  
box-shadow:4px 4px 4px 4px rgb(242, 33,  
204) }
```

Background

The CSS property to change the background color of an element to YIQ 114.9850, 69.6730, 97.4890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 33, 204) }
```

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

```
.background{ background-color: rgb(242, 33,  
204) }
```

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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