

Converting Colors

YIQ(96.9610, 70.2210, 109.5890)

Have a look what the booklet for
YIQ(96.9610, 70.2210, 109.5890)
contains.

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Color

**YIQ(96.9610, 70.2210,
109.5890)**

Conversions

Conversions Part 1

Format	Color
Hex	E807CE
RGB	232, 7, 206
RGB Percent	91%, 3%, 81%
CMY	0.0895, 0.9728, 0.1920
CMYK	0.00, 0.97, 0.11, 0.09
HSL	307°, 94%, 47%
HSV	307°, 97%, 91%
XYZ	44.5527, 21.7916, 60.2708
YIQ	96.9610, 70.2210, 109.5890

Conversions

Conversions Part 2

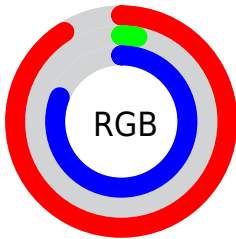
Format	Color
R_{YB}	232, 7, 206
Decimal	15206350
CIE _{Lab}	53.81, 87.52, -43.86
CIE _{LCh}	54, 97.894, 333.382
Yxy	21.7916, 0.3519, 0.1721
Android (android.graphics.Color)	4293396430 (0xFFE807CE)
YUV	96.9610, 53.7562, 118.4292
Hunter-Lab	46.6815, 88.6672, -43.8726

Details

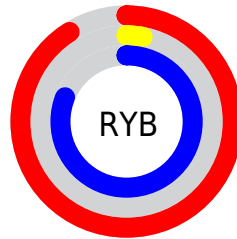
The YIQ color **96.9610, 70.2210, 109.5890** is a dark color, and the websafe version is hex **FF00CC**. The color can be described as middle washed magenta. A complement of this color would be **142.0390, -70.2210, -109.5890**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.0150, 42.6250, 81.0650**, and **68.3430, 53.4450, 83.2130** is the 20% darker color. If you saturate the color by 10%, you get **92.7380, 72.4670, 112.9390**, and if you desaturate by 10%, it is **110.8040, 62.9330, 98.4930**.

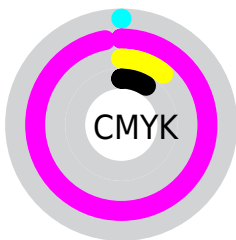
Distribution



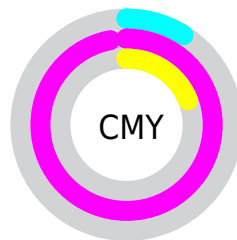
- Red (91%)
- Green (3%)
- Blue (81%)



- Red (91%)
- Yellow (3%)
- Blue (81%)



- Cyan (0%)
- Magenta (97%)
- Yellow (11%)
- Black (9%)





- Cyan (9%)
- Magenta (97%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 96.9610, 70.2210, 109.5890 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 96.9610, 70.2210, 109.5890 by changing the saturation by 10% instead.


 96.9610, 70.2210,
109.5890


 96.9610, 70.2210,
109.5890


255.0000, -0.0000,
-0.0000


 80.6900, 63.2540,
98.1820


 164.0150, 42.6250,
81.0650


 68.6420, 54.0410,
83.4250


 182.7990, 33.8250,
64.3290


 56.7080, 44.5070,
68.9790


 200.4090, 25.5750,
48.6390

 44.7740, 34.9730,
54.5330

 218.6060, 17.0500,
32.4260

 33.6660, 25.9890,
41.1330

 236.2160, 8.8000,
16.7360

 22.2590, 16.4090,
27.5210

254.4130, 0.2750,

 10.1830, 4.3990,

0.5230

13.8950

■ 0.0000, 0.0000,
0.0000

■ 96.9610, 70.2210,
109.5890

■ 96.9610, 70.2210,
109.5890

■ 92.7380, 72.4670,
112.9390

■ 110.8040, 62.9330,
98.4930

■ 124.5330, 55.9660,
87.0860

■ 138.9630, 48.4030,
75.4670

■ 152.8060, 41.1150,
64.3710

■ 166.6490, 33.8270,
53.2750

■ 180.3780, 26.8600,
41.8680

■ 194.2210, 19.5720,
30.7720

■ 208.6510, 12.0090,
19.1530

■ 222.3800, 5.0420,
7.7460

Harmonies

Analogous

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



125.1450, -34.8550, 53.5050



96.9610, 70.2210, 109.5890



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.



96.9610, 70.2210, 109.5890



119.9750, 52.7330, -36.0910



120.2880, -115.4910, -15.9950

Complementary

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



96.9610, 70.2210, 109.5890



142.0390, -70.2210, -109.5890

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.



110.0110, -87.9310, -41.9070



96.9610, 70.2210, 109.5890



102.1250, -10.3040, -66.5920

Square

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



96.9610, 70.2210, 109.5890



117.9900, 102.2440, -2.7480



97.6480, -57.2530, -69.2610



120.6420, -124.7550, -2.2830

Rectangle

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



96.9610, 70.2210, 109.5890



84.1110, 129.8310, 75.5190



97.6480, -57.2530, -69.2610



117.2100, -106.8240, -24.3920

Sweetspot

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



96.9610, 70.2210, 109.5890



210.5360, 23.2390, 35.9030



39.2280, -59.1130, 74.6390



100.9010, 14.3010, 21.6690



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.



96.9610, 70.2210, 109.5890



101.8950, 79.7550, 124.0350



84.5350, 105.2100, 75.6900



110.4290, 3.3460, 5.4420



72.3590, 56.5160, 88.1320



21.5040, 17.0970, 26.0650

Inverse Universe

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



96.9610, 70.2210, 109.5890



101.8950, 79.7550, 124.0350



154.4650, -105.2100, -75.6900



110.4290, 3.3460, 5.4420



72.3590, 56.5160, 88.1320



21.5040, 17.0970, 26.0650

Previews

White Background



This preview shows how the YIQ color 96.9610, 70.2210, 109.5890 looks on a white background.

Color Contrast Check

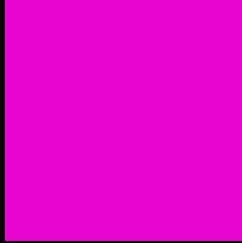
Large Text (above 18pt) WCAG AA ✓ Pass

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 96.9610, 70.2210, 109.5890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

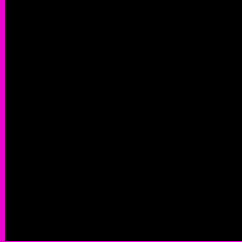
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 96.9610, 70.2210, 109.5890

Background



This preview shows how black text looks on a background with the YIQ color 96.9610, 70.2210, 109.5890.



This preview shows how white text looks on a background with the YIQ color 96.9610, 70.2210,

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

96.9610, 70.2210, 109.5890

Protanopia

117.0850, -88.4930, 23.3710

Deuteranopia

127.9240, -37.2320, 13.9680



Tritanopia

123.4300, 81.8350, 31.2350

Trichromacy



Original Color

96.9610, 70.2210, 109.5890



Protanomaly

109.8250, -30.9580, 54.4660



Deuteranomaly

117.0180, 1.8710, 48.7110



Tritanomaly

113.7930, 77.5200, 59.8880

Monochromacy



Original Color

96.9610, 70.2210, 109.5890



Achromatopsia

97.0000, -0.0000, 0.0000



Achromatomaly

96.8400, 25.4390, 40.0870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 96.9610, 70.2210, 109.5890 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(232, 7, 206)` looks like.

```
.text, #text, p{  
    color:rgb(232, 7, 206)  
}
```

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(232, 7, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 7, 206) }
```

Border

The CSS property to change the border of an element to YIQ 96.9610, 70.2210, 109.5890 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(232, 7, 206) }
```


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

```
.border{ border-color:rgb(232, 7, 206) }
```

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

Here you see how a box with a 4 pixel rgb(232, 7, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 7, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 7, 206);  
box-shadow:4px 4px 4px 4px rgb(232, 7,  
206) }
```

Background

The CSS property to change the background color of an element to YIQ 96.9610, 70.2210, 109.5890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 7, 206) }
```

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

```
.background{ background-color: rgb(232, 7,  
206) }
```

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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