

Converting Colors

YUV(99.0770, 31.0210,
130.6055)

Have a look what the booklet for
YUV(99.0770, 31.0210, 130.6055)
contains.

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Color

**YUV(99.0770, 31.0210,
130.6055)**

Conversions

Conversions Part 1

Format	Color
Hex	F80BA2
RGB	248, 11, 162
RGB Percent	97%, 4%, 64%
CMY	0.0275, 0.9569, 0.3647
CMYK	0.00, 0.96, 0.35, 0.03
HSL	322°, 94%, 51%
HSV	322°, 96%, 97%
XYZ	45.3527, 22.8044, 36.1938
YIQ	99.0770, 92.7810, 97.2050

Conversions

Conversions Part 2

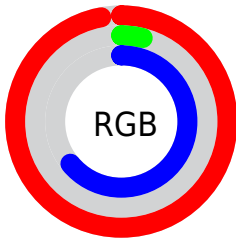
Format	Color
R_{YB}	248, 11, 162
Decimal	16255906
CIE _{Lab}	54.87, 85.24, -16.35
CIE _{LCh}	55, 86.792, 349.139
Yxy	22.8044, 0.4346, 0.2185
Android (android.graphics.Color)	4294445986 (0xFFFF80BA2)
YUV	99.0770, 31.0210, 130.6055
Hunter-Lab	47.7540, 85.9546, -11.5094

Details

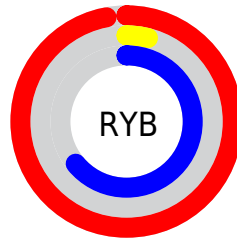
The YUV color **99.0770, 31.0210, 130.6055** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **159.9230, -31.0210, -130.6055**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.8570, 27.6785, 82.5634**, and **68.1540, 20.6301, 103.3509** is the 20% darker color. If you saturate the color by 10%, you get **92.1640, 32.4571, 136.6682**, and if you desaturate by 10%, it is **114.7780, 27.7174, 116.8357**.

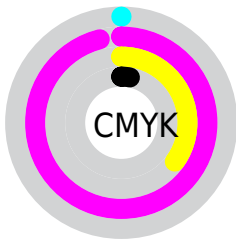
Distribution



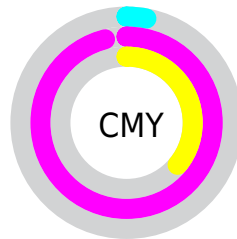
- Red (97%)
- Green (4%)
- Blue (64%)



- Red (97%)
- Yellow (4%)
- Blue (64%)



- Cyan (0%)
- Magenta (96%)
- Yellow (35%)
- Black (3%)





- Cyan (3%)
- Magenta (96%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YUV color 99.0770, 31.0210, 130.6055 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 YUV color 99.0770, 31.0210, 130.6055 by changing the saturation by 10% instead.


 99.0770, 31.0210,
130.6055


 99.0770, 31.0210,
130.6055


255.0000, 0.0000,
0.0000


 80.3870, 27.4172,
119.8096

 160.8570, 27.6785,
82.5634


 68.1540, 20.6301,
103.3509

 182.2460, 30.9377,
63.8053

 56.1490, 14.7165,
86.6923

 201.5830, 26.3346,
46.8467

 44.5570, 9.0924,
70.5485

 219.7800, 17.3635,
30.8879

 33.0790, 3.9051,
54.3047

 237.3900, 8.6817,
15.4440

 21.9000, -1.4297,
38.6757

 10.2800, -4.5750,

20.8024

■ 0.0000, 0.0000,
0.0000

■ 99.0770, 31.0210,
130.6055

■ 99.0770, 31.0210,
130.6055

■ 92.1640, 32.4571,
136.6682

■ 114.7780, 27.7174,
116.8357

■ 130.4790, 24.4139,
103.0659

■ 145.5930, 21.3997,
89.8109

■ 161.2940, 18.0961,
76.0412

■ 176.9950, 14.7925,
62.2714

■ 192.6960, 11.4889,
48.5016

■ 208.3970, 8.1853,
34.7318

■ 223.5110, 5.1711,
21.4769

■ 239.2120, 1.8675,
7.7071

Harmonies

Analogous

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



131.5770, 49.0155, 52.1140



99.0770, 31.0210, 130.6055



93.3210, -2.6233, 141.7925

Triad

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



99.0770, 31.0210, 130.6055



117.4400, -57.8979, -3.0169



121.8500, 60.7129, -106.8624

Complementary

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



99.0770, 31.0210, 130.6055



159.9230, -31.0210, -130.6055

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.



116.0870, 31.0161, -101.8083



99.0770, 31.0210, 130.6055



90.9850, -44.8556, -79.7938

Square

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



99.0770, 31.0210, 130.6055



123.6840, -60.9762, 51.1431



105.9070, -2.9122, -92.8804



116.5330, 68.2642, -102.1994

Rectangle

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



99.0770, 31.0210, 130.6055



113.6820, -37.3112, 114.2889



105.9070, -2.9122, -92.8804



120.7440, 51.3982, -105.8925

Sweetspot

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



99.0770, 31.0210, 130.6055



208.4840, 9.6214, 40.7945



62.8350, 91.2863, 27.3317



99.6470, 5.5970, 24.8656



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.



99.0770, 31.0210, 130.6055



94.7130, 33.1725, 140.5717



85.9670, -19.2107, 142.1029



116.7990, 1.5781, 7.1923



70.1910, 24.5558, 104.1955



22.6850, 8.0433, 33.6023

Inverse Universe

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



99.0770, 31.0210, 130.6055



94.7130, 33.1725, 140.5717



173.0330, 19.2107, -142.1029



116.7990, 1.5781, 7.1923



70.1910, 24.5558, 104.1955



22.6850, 8.0433, 33.6023

Previews

White Background



This preview shows how the YUV color 99.0770, 31.0210, 130.6055 looks on a white background.

Color Contrast Check

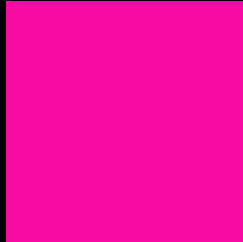
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 99.0770, 31.0210, 130.6055 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](#).

YUV 99.0770, 31.0210, 130.6055

Background



This preview shows how black text looks on a background with the YUV color 99.0770, 31.0210, 130.6055.



This preview shows how white text looks on a background with the YUV color 99.0770, 31.0210,

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

99.0770, 31.0210, 130.6055

Protanopia

127.7710, 50.8919, -36.6332

Deuteranopia

133.6010, 8.5777, 2.1039



Tritanopia

118.1510, -25.2174, 108.6156

Trichromacy



Original Color

99.0770, 31.0210, 130.6055



Protanomaly

117.3210, 43.7187, 24.2745



Deuteranomaly

121.0750, 16.7250, 49.0462



Tritanomaly

110.9990, -4.4365, 116.6419

Monochromacy



Original Color

99.0770, 31.0210, 130.6055



Achromatopsia

99.0000, 0.0000, 0.0000



Achromatomaly

98.9840, 11.3469, 47.3720

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.0770, 31.0210, 130.6055 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(248, 11, 162)` looks like.

```
.text, #text, p{  
    color:rgb(248, 11, 162)  
}
```

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(248, 11, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 11, 162) }
```

Border

The CSS property to change the border of an element to YUV 99.0770, 31.0210, 130.6055 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(248, 11, 162) }
```


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

```
.border{ border-color:rgb(248, 11, 162) }
```

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

Here you see how a box with a 4 pixel rgb(248, 11, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 11, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 11, 162);  
box-shadow:4px 4px 4px 4px rgb(248, 11,  
162) }
```

Background

The CSS property to change the background color of an element to YUV 99.0770, 31.0210, 130.6055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 11, 162) }
```

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

```
.background{ background-color: rgb(248, 11,  
162) }
```

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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