

Converting Colors

YUV(97.0940, 48.7607,
134.0986)

Have a look what the booklet for
YUV(97.0940, 48.7607, 134.0986)
contains.

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Color

**YUV(97.0940, 48.7607,
134.0986)**

Conversions

Conversions Part 1

Format	Color
Hex	FA00C4
RGB	250, 0, 196
RGB Percent	98%, 0%, 77%
CMY	0.0196, 1.0000, 0.2314
CMYK	0.00, 1.00, 0.22, 0.02
HSL	313°, 100%, 49%
HSV	313°, 100%, 98%
XYZ	49.3881, 24.3095, 54.3137
YIQ	97.0940, 86.0840, 113.9560

Conversions

Conversions Part 2

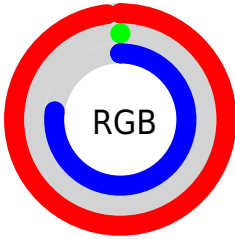
Format	Color
R _Y B	250, 0, 196
Decimal	16384196
CIE Lab	56.40, 89.92, -33.79
CIE LCh	56, 96.062, 339.403
Yxy	24.3095, 0.3858, 0.1899
Android (android.graphics.Color)	4294574276 (0xFFFA00C4)
YUV	97.0940, 48.7607, 134.0986
Hunter-Lab	49.3047, 92.5190, -30.8002

Details

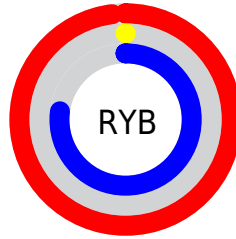
The YUV color **97.0940, 48.7607, 134.0986** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **152.9060, -48.7607, -134.0986**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.3740, 43.6926, 79.4790**, and **72.4000, 34.3128, 101.3812** is the 20% darker color. If you saturate the color by 10%, you get **97.0940, 48.7607, 134.0986**, and if you desaturate by 10%, it is **112.3390, 43.7099, 120.7287**.

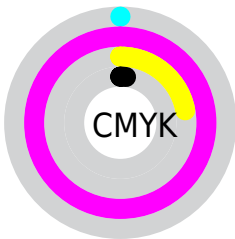
Distribution



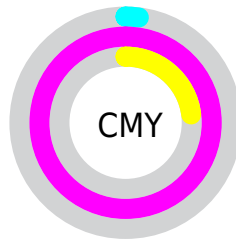
- Red (98%)
- Green (0%)
- Blue (77%)



- Red (98%)
- Yellow (0%)
- Blue (77%)



- Cyan (0%)
- Magenta (100%)
- Yellow (22%)
- Black (2%)





- Cyan (2%)
- Magenta (100%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the YUV color 97.0940, 48.7607, 134.0986 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 97.0940, 48.7607, 134.0986 by changing the saturation by 10% instead.

 97.0940, 48.7607,
134.0986


 97.0940, 48.7607,
134.0986


255.0000, 0.0000,
0.0000


 84.7470, 41.5367,
117.7399


 164.3740, 43.6926,
79.4790


 72.4000, 34.3128,
101.3812

 183.9730, 35.0163,
62.2907

 60.4660, 27.3783,
85.5373

 202.1700, 26.0452,
46.3319

 48.6460, 20.8805,
69.5935

 220.3670, 17.0741,
30.3731

 36.9400, 14.8196,
53.5496

 238.5640, 8.1029,
14.4144

 25.9460, 8.9006,
38.6354

 14.4680, 3.7133,

22.3916

■ 0.0000, 0.0000,
0.0000

■ 97.0940, 48.7607,
134.0986

■ 112.3390, 43.7099,
120.7287

■ 127.6980, 39.0959,
107.2589

■ 142.9430, 34.0451,
93.8890

■ 158.3020, 29.4311,
80.4191

■ 173.5470, 24.3803,
67.0493

■ 188.7920, 19.3295,
53.6794

■ 204.1510, 14.7156,
40.2096

■ 219.3960, 9.6648,
26.8397

■ 234.7550, 5.0508,
13.3699

Harmonies

Analogous

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



134.4580, 59.4272, 25.9083



97.0940, 48.7607, 134.0986



89.1270, 11.7694, 145.4706

Triad

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



97.0940, 48.7607, 134.0986



124.9260, -61.5885, 14.0969



126.0900, 56.6506, -110.5809

Complementary

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



97.0940, 48.7607, 134.0986



152.9060, -48.7607, -134.0986

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.



117.4430, 20.9806, -102.9975



97.0940, 48.7607, 134.0986



99.0250, -48.8193, -68.4279

Square

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



97.0940, 48.7607, 134.0986



126.7730, -62.4991, 72.9901



105.5360, -17.0262, -92.5551



122.9900, 65.0809, -107.8622

Rectangle

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



97.0940, 48.7607, 134.0986



87.0800, -13.8434, 147.2658



105.5360, -17.0262, -92.5551



123.8270, 45.4413, -108.5963

Sweetspot

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



97.0940, 48.7607, 134.0986



208.4500, 14.5682, 40.8244



43.4500, 101.8291, 5.7443



99.8580, 8.9440, 24.6805



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.



97.0940, 48.7607, 134.0986



99.0450, 49.7708, 136.7725



83.3000, -4.0919, 146.1959



117.0270, 2.4517, 6.9923



73.3830, 36.7862, 101.3961



23.7110, 11.9745, 32.7025

Inverse Universe

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



97.0940, 48.7607, 134.0986



99.0450, 49.7708, 136.7725



166.7000, 4.0919, -146.1959



117.0270, 2.4517, 6.9923



73.3830, 36.7862, 101.3961



23.7110, 11.9745, 32.7025

Previews

White Background



This preview shows how the YUV color 97.0940, 48.7607, 134.0986 looks on a white background.

Color Contrast Check

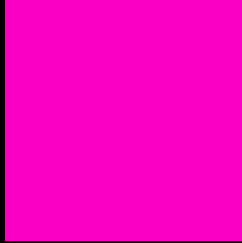
Large Text (above 18pt) WCAG AA ✓ Pass

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 97.0940, 48.7607, 134.0986 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 97.0940, 48.7607, 134.0986

Background



This preview shows how black text looks on a background with the YUV color 97.0940, 48.7607, 134.0986.



This preview shows how white text looks on a background with the YUV color 97.0940, 48.7607,

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



Protanopia

128.3700, 62.4286, -50.3135

Deuteranopia

136.4110, 23.4614, -11.7614

Tritanopia

126.4920, -22.4276, 100.4235

Trichromacy



Protanomaly

117.2350, 57.5651, 16.4569

Deuteranomaly

121.8580, 32.6080, 41.3435

Tritanomaly

115.7410, 3.5787, 112.4831

Monochromacy



Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.3030, 17.5986, 48.8463

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.0940, 48.7607, 134.0986 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(250, 0, 196)` looks like.

```
.text, #text, p{  
    color:rgb(250, 0, 196)  
}
```

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(250, 0, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 0, 196) }
```

Border

The CSS property to change the border of an element to YUV 97.0940, 48.7607, 134.0986 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(250, 0, 196) }
```

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

```
.border{ border-color:rgb(250, 0, 196) }
```

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

Here you see how a box with a 4 pixel rgb(250, 0, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 0, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 0, 196);  
box-shadow:4px 4px 4px 4px rgb(250, 0,  
196) }
```


Background

The CSS property to change the background color of an element to YUV 97.0940, 48.7607, 134.0986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 0, 196) }
```

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

```
.background{ background-color: rgb(250, 0,  
196) }
```

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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