

Converting Colors

YUV(93.8010, 29.6781,
141.3715)

Have a look what the booklet for
YUV(93.8010, 29.6781, 141.3715)
contains.

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Color

**YUV(93.8010, 29.6781,
141.3715)**

Conversions

Conversions Part 1

Format	Color
Hex	FF009A
RGB	255, 0, 154
RGB Percent	100%, 0%, 60%
CMY	0.0000, 1.0000, 0.3961
CMYK	0.00, 1.00, 0.40, 0.00
HSL	324°, 100%, 50%
HSV	324°, 100%, 100%
XYZ	47.0727, 23.5931, 32.6448
YIQ	93.8010, 102.5460, 101.9540

Conversions

Conversions Part 2

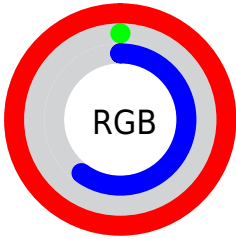
Format	Color
RYB	255, 0, 154
Decimal	16711834
CIELab	55.68, 86.63, -10.28
CIElCh	56, 87.242, 353.235
Yxy	23.5931, 0.4556, 0.2284
Android (android.graphics.Color)	4294901914 (0xFFFF009A)
YUV	93.8010, 29.6781, 141.3715
Hunter-Lab	48.5727, 87.9854, -5.8467

Details

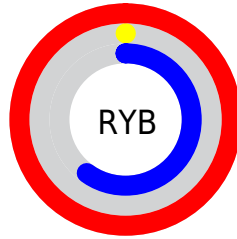
The YUV color **93.8010, 29.6781, 141.3715** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **161.1990, -29.6781, -141.3715**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.2440, 24.0367, 83.9780**, and **69.1500, 16.6880, 107.7394** is the 20% darker color. If you saturate the color by 10%, you get **93.8010, 29.6781, 141.3715**, and if you desaturate by 10%, it is **109.6160, 26.8113, 127.5018**.

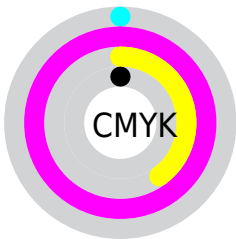
Distribution



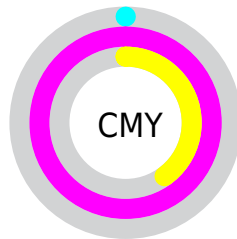
- Red (100%)
- Green (0%)
- Blue (60%)



- Red (100%)
- Yellow (0%)
- Blue (60%)



- Cyan (0%)
- Magenta (100%)
- Yellow (40%)
- Black (0%)





- Cyan (0%)
- Magenta (100%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YUV color 93.8010, 29.6781, 141.3715 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 93.8010, 29.6781, 141.3715 by changing the saturation by 10% instead.


 93.8010, 29.6781,
141.3715


 93.8010, 29.6781,
141.3715

255.0000, 0.0000,
0.0000


 81.2690, 23.0384,
124.2981

 159.2440, 24.0367,
83.9780


 69.1500, 16.6880,
107.7394

 181.3340, 27.4433,
64.6051

 57.1450, 10.7745,
91.0808


 201.5830, 26.3346,
46.8467

 45.2540, 5.2978,
74.3222

 219.7800, 17.3635,
30.8879

 33.8900, 0.5472,
57.9785

 237.3900, 8.6817,
15.4440

 22.3690, -6.0979,
42.6494

 11.4760, -5.1647,

23.2615

■ 0.0000, 0.0000,
0.0000

■ 93.8010, 29.6781,
141.3715

■ 109.6160, 26.8113,
127.5018

■ 126.0180, 23.6551,
113.1172

■ 142.4200, 20.4989,
98.7327

■ 158.2350, 17.6321,
84.8629

■ 174.7510, 14.9128,
70.3784

■ 190.5660, 12.0460,
56.5086

■ 206.9680, 8.8898,
42.1241

■ 222.7830, 6.0230,
28.2543

■ 239.1850, 2.8668,
13.8698

Harmonies

Analogous

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



131.5570, 46.0674, 64.4095



93.8010, 29.6781, 141.3715



102.2740, -11.4741, 133.9407

Triad

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



93.8010, 29.6781, 141.3715



117.6840, -58.0182, -11.1239



123.5770, 64.7915, -108.3770

Complementary

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



93.8010, 29.6781, 141.3715



161.1990, -29.6781, -141.3715

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.



118.7430, 36.1157, -104.1376



93.8010, 29.6781, 141.3715



95.5960, -34.8038, -83.8377

Square

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



93.8010, 29.6781, 141.3715



125.4120, -61.8281, 44.3657



109.1500, 1.8980, -95.7246



116.5330, 68.2642, -102.1994

Rectangle

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



93.8010, 29.6781, 141.3715



117.4120, -44.5731, 110.1407



109.1500, 1.8980, -95.7246



122.6990, 56.3504, -107.6070

Sweetspot

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



93.8010, 29.6781, 141.3715



206.9680, 8.8898, 42.1241



58.3720, 96.9376, 34.7538



98.8320, 5.0128, 25.5803



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.



93.8010, 29.6781, 141.3715



79.6650, -24.4848, 153.7688



119.6850, 1.1413, 7.2923



70.3330, 22.5138, 105.8250



23.5820, 7.6011, 35.4466

Inverse Universe

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



93.8010, 29.6781, 141.3715



175.3350, 24.4848, -153.7688



119.6850, 1.1413, 7.2923



70.3330, 22.5138, 105.8250



23.5820, 7.6011, 35.4466

Previews

White Background



This preview shows how the YUV color 93.8010, 29.6781, 141.3715 looks on a white background.

Color Contrast Check

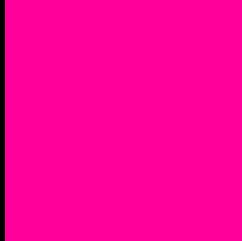
Large Text (above 18pt) WCAG AA ✓ Pass

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 93.8010, 29.6781, 141.3715 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 93.8010, 29.6781, 141.3715

Background



This preview shows how black text looks on a background with the YUV color 93.8010, 29.6781, 141.3715.



This preview shows how white text looks on a background with the YUV color 93.8010, 29.6781,

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

93.8010, 29.6781, 141.3715

Protanopia

132.2790, 43.7395, -29.1857

Deuteranopia

136.2550, 3.3253, 6.7924



Tritanopia

117.7390, -26.9863, 115.9929

Trichromacy



Original Color

93.8010, 29.6781, 141.3715



Protanomaly

118.4100, 38.7449, 32.9664



Deuteranomaly

120.4950, 13.0670, 55.6939



Tritanomaly

109.1850, -6.5002, 125.2488

Monochromacy



Original Color

93.8010, 29.6781, 141.3715



Achromatopsia

94.0000, 0.0000, 0.0000



Achromatomaly

94.1910, 10.7518, 51.5755

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.8010, 29.6781, 141.3715 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, 0, 154)` looks like.

```
.text, #text, p{  
    color:rgb(255, 0, 154)  
}
```

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, 0, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 0, 154) }
```

Border

The CSS property to change the border of an element to YUV 93.8010, 29.6781, 141.3715 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, 0, 154) }
```

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

```
.border{ border-color:rgb(255, 0, 154) }
```

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

Here you see how a box with a 4 pixel rgb(255, 0, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 0, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 0, 154);  
box-shadow:4px 4px 4px 4px rgb(255, 0,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 93.8010, 29.6781, 141.3715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 0, 154) }
```

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

```
.background{ background-color: rgb(255, 0,  
154) }
```

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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