

# Converting Colors

YUV(93.0030, 26.6205,  
142.0714)

Have a look what the booklet for  
YUV(93.0030, 26.6205, 142.0714)  
contains.

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# Color

**YUV(93.0030, 26.6205,  
142.0714)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FF0093
RGB	255, 0, 147
RGB Percent	100%, 0%, 58%
CMY	0.0000, 1.0000, 0.4235
CMYK	0.00, 1.00, 0.42, 0.00
HSL	325°, 100%, 50%
HSV	325°, 100%, 100%
XYZ	46.5065, 23.3666, 29.6628
YIQ	93.0030, 104.7930, 99.7770

# Conversions

## Conversions Part 2

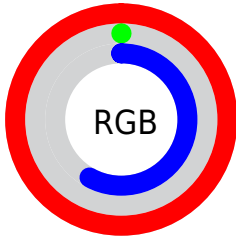
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 0, 147
Decimal	16711827
CIE <sub>Lab</sub>	55.45, 86.03, -6.47
CIE <sub>LCh</sub>	55, 86.276, 355.702
Yxy	23.3666, 0.4672, 0.2348
Android (android.graphics.Color)	4294901907 (0xFFFF0093)
YUV	93.0030, 26.6205, 142.0714
Hunter-Lab	48.3390, 87.1398, -2.5455

# Details

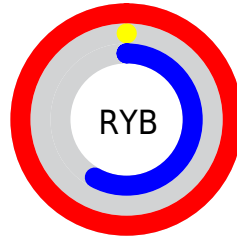
The YUV color **93.0030, 26.6205, 142.0714** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **161.9970, -26.6205, -142.0714**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.8590, 21.2685, 85.1927**, and **68.4660, 14.0673, 108.3393** is the 20% darker color. If you saturate the color by 10%, you get **93.0030, 26.6205, 142.0714**, and if you desaturate by 10%, it is **108.9320, 24.1905, 128.1016**.

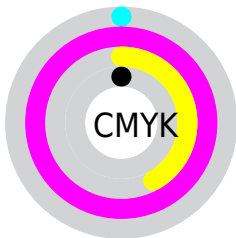
# Distribution



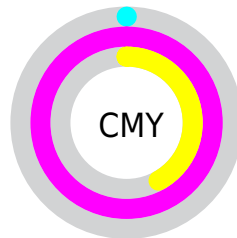
- Red (100%)
- Green (0%)
- Blue (58%)



- Red (100%)
- Yellow (0%)
- Blue (58%)



- Cyan (0%)
- Magenta (100%)
- Yellow (42%)
- Black (0%)




- Cyan (0%)
- Magenta (100%)
- Yellow (42%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 93.0030, 26.6205, 142.0714 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 93.0030, 26.6205, 142.0714 by changing the saturation by 10% instead.




 93.0030, 26.6205,  
142.0714


 93.0030, 26.6205,  
142.0714


255.0000, 0.0000,  
0.0000


 80.4710, 19.9808,  
124.9979


 157.8590, 21.2685,  
85.1927


 68.4660, 14.0673,  
108.3393


 179.8350, 24.2383,  
65.9197

 56.4610, 8.1537,  
91.6807


 201.5830, 26.3346,  
46.8467

 44.6840, 3.1138,  
74.8221

 219.1930, 17.6529,  
31.4027

 33.0210, -1.4894,  
57.8636

 237.3900, 8.6817,  
15.4440

 21.2720, -9.0081,  
42.7345

 11.1770, -5.0173,

22.6468

■ 0.0000, 0.0000,  
0.0000

■ 93.0030, 26.6205,  
142.0714

■ 108.9320, 24.1905,  
128.1016

■ 125.4480, 21.4711,  
113.6171

■ 141.8500, 18.3150,  
99.2326

■ 157.7790, 15.8850,  
85.2628

■ 174.2950, 13.1656,  
70.7783

■ 190.2240, 10.7356,  
56.8086

■ 206.7400, 8.0162,  
42.3240

■ 222.5550, 5.1494,  
28.4543

■ 239.0710, 2.4300,  
13.9697

# Harmonies

## Analogous

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



129.7210, 44.0145, 69.5277



93.0030, 26.6205, 142.0714



106.8730, -16.6994, 129.9074

# Triad

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



93.0030, 26.6205, 142.0714



115.5910, -56.9864, -15.4273



122.9900, 65.0809, -107.8622

# Complementary

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



93.0030, 26.6205, 142.0714



161.9970, -26.6205, -142.0714

# 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.



118.6120, 38.1523, -104.0227



93.0030, 26.6205, 142.0714



96.8500, -29.9990, -84.9374

# Square

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



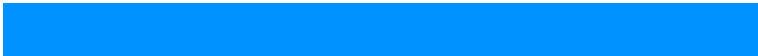
93.0030, 26.6205, 142.0714



124.7920, -61.5225, 39.6474



109.2470, 4.8082, -95.8096



114.7720, 69.1324, -100.6550



# Rectangle

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



93.0030, 26.6205, 142.0714



118.0540, -48.3406, 105.1926



109.2470, 4.8082, -95.8096



122.4540, 57.9502, -107.3922

# Sweetspot

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



93.0030, 26.6205, 142.0714



206.7400, 8.0162, 42.3240



60.7640, 95.7583, 39.6720



98.7180, 4.5760, 25.6803



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.



93.0030, 26.6205, 142.0714



78.6390, -28.4160, 154.6686



119.6850, 1.1413, 7.2923



69.6490, 19.8930, 106.4248



23.3540, 6.7275, 35.6465

# Inverse Universe

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



93.0030, 26.6205, 142.0714



176.3610, 28.4160, -154.6686



119.6850, 1.1413, 7.2923



69.6490, 19.8930, 106.4248



23.3540, 6.7275, 35.6465

# Previews

## White Background



This preview shows how the YUV color 93.0030, 26.6205, 142.0714 looks on a white background.

## Color Contrast Check

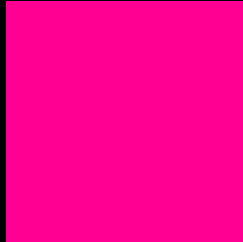
Large Text (above 18pt) WCAG AA ✓ Pass

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 93.0030, 26.6205, 142.0714 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

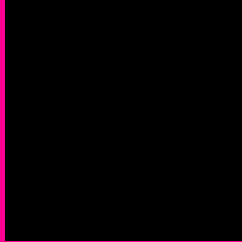
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 93.0030, 26.6205, 142.0714

## Background



This preview shows how black text looks on a background with the YUV color 93.0030, 26.6205, 142.0714.



This preview shows how white text looks on a background with the YUV color 93.0030, 26.6205,





# 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

93.0030, 26.6205, 142.0714

### Protanopia

132.6340, 38.6344, -25.1120

### Deuteranopia

135.4680, 0.2623, 9.2366



## Tritanopia

115.6360, -27.4285, 117.8372

# Trichromacy



## Original Color

93.0030, 26.6205, 142.0714



## Protanomaly

118.2810, 34.3715, 35.7106



## Deuteranomaly

120.2950, 9.7146, 57.6233



## Tritanomaly

107.5550, -7.6686, 126.6783

# Monochromacy



## Original Color

93.0030, 26.6205, 142.0714



## Achromatopsia

93.0000, 0.0000, 0.0000



## Achromatomaly

92.9630, 9.8782, 51.7754

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 93.0030, 26.6205, 142.0714 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, 147)` looks like.

```
.text, #text, p{  
    color:rgb(255, 0, 147)  
}
```

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, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 0, 147) }
```

## Border

The CSS property to change the border of an element to YUV 93.0030, 26.6205, 142.0714 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, 147) }
```

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

```
.border{ border-color:rgb(255, 0, 147) }
```

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, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 0, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 0, 147);  
box-shadow:4px 4px 4px 4px rgb(255, 0,  
147) }
```

# Background

The CSS property to change the background color of an element to YUV 93.0030, 26.6205, 142.0714 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, 147) }
```

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

```
.background{ background-color: rgb(255, 0,  
147) }
```

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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