

Converting Colors

YUV(90.6240, 21.3844,
141.5268)

Have a look what the booklet for
YUV(90.6240, 21.3844, 141.5268)
contains.

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Color

**YUV(90.6240, 21.3844,
141.5268)**

Conversions

Conversions Part 1

Format	Color
Hex	FC0086
RGB	252, 0, 134
RGB Percent	99%, 0%, 53%
CMY	0.0118, 1.0000, 0.4745
CMYK	0.00, 1.00, 0.47, 0.01
HSL	328°, 100%, 49%
HSV	328°, 100%, 99%
XYZ	44.4480, 22.4167, 24.5384
YIQ	90.6240, 107.1780, 95.0980

Conversions

Conversions Part 2

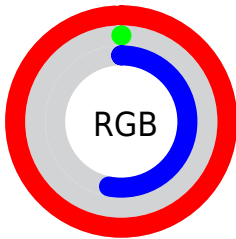
Format	Color
R_{YB}	252, 0, 134
Decimal	16515206
CIE _{Lab}	54.47, 84.36, -0.22
CIE _{LCh}	54, 84.364, 359.853
Yxy	22.4167, 0.4863, 0.2453
Android (android.graphics.Color)	4294705286 (0xFFFC0086)
YUV	90.6240, 21.3844, 141.5268
Hunter-Lab	47.3463, 84.7172, 2.4138

Details

The YUV color **90.6240, 21.3844, 141.5268** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark saturated rose. A complement of this color would be **161.3760, -21.3844, -141.5268**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.6760, 15.4427, 87.1071**, and **66.2010, 9.2679, 107.6947** is the 20% darker color. If you saturate the color by 10%, you get **90.6240, 21.3844, 141.5268**, and if you desaturate by 10%, it is **106.6670, 19.3912, 127.4570**.

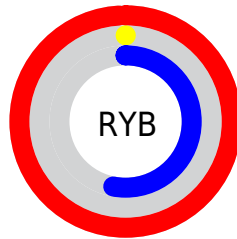
Distribution



Red (99%)

Green (0%)

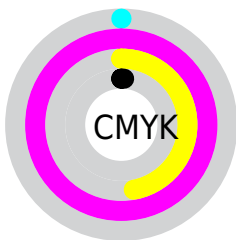
Blue (53%)



Red (99%)

Yellow (0%)

Blue (53%)

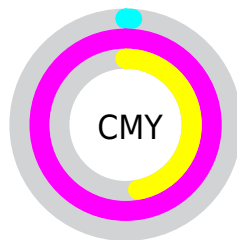


Cyan (0%)

Magenta (100%)

Yellow (47%)

Black (1%)



Cyan (1%)

Magenta (100%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YUV color 90.6240, 21.3844, 141.5268 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 90.6240, 21.3844, 141.5268 by changing the saturation by 10% instead.

 90.6240, 21.3844,
141.5268


 90.6240, 21.3844,
141.5268


255.0000, 0.0000,
0.0000


 78.2060, 15.1814,
124.3533


 155.6760, 15.4427,
87.1071


 66.2010, 9.2679,
107.6947


 177.6520, 18.4126,
67.8342


 54.0110, 3.9386,
90.3214

 199.0410, 21.6718,
49.0760

 42.2340, -1.1014,
73.4628

 218.6060, 17.9422,
31.9175

 30.9840, -5.4151,
57.0190

 236.2160, 9.2605,
16.4736

 19.7770, -8.2711,
39.6606

254.4130, 0.2894,

 9.3830, -4.1328,

0.5148

18.9581

■ 0.0000, 0.0000,
0.0000

■ 90.6240, 21.3844,
141.5268

■ 106.6670, 19.3912,
127.4570

■ 122.7100, 17.3980,
113.3873

■ 139.2260, 14.6786,
98.9028

■ 155.2690, 12.6854,
84.8331

■ 171.3120, 10.6922,
70.7634

■ 187.3550, 8.6990,
56.6937

■ 203.3980, 6.7058,
42.6240

■ 219.9140, 3.9864,
28.1394

■ 235.9570, 1.9932,
14.0697

Harmonies

Analogous

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



124.9240, 39.4775, 78.1197



90.6240, 21.3844, 141.5268



108.9230, -22.6400, 121.9705

Triad

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



90.6240, 21.3844, 141.5268



110.8180, -54.6333, -23.5194



120.6420, 66.2385, -105.8030

Complementary

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



90.6240, 21.3844, 141.5268



161.3760, -21.3844, -141.5268

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.



117.5350, 41.6412, -103.0782



90.6240, 21.3844, 141.5268



97.1580, -23.7419, -85.2076

Square

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



90.6240, 21.3844, 141.5268



121.7910, -60.0430, 31.7553



108.5120, 9.6076, -95.1650



111.2500, 70.8688, -97.5662

Rectangle

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



90.6240, 21.3844, 141.5268



115.8330, -56.6127, 98.3705



108.5120, 9.6076, -95.1650



120.3340, 59.9813, -105.5329

Sweetspot

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



90.6240, 21.3844, 141.5268



206.2840, 6.2690, 42.7239



64.0100, 92.6791, 47.3492



98.4900, 3.7024, 25.8803



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.



90.6240, 21.3844, 141.5268



91.7490, 21.8157, 143.1711



76.2600, -33.6522, 154.1240



116.6850, 1.1413, 7.2923



67.9110, 15.8199, 106.1951



22.0010, 5.4225, 34.2021

Inverse Universe

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



90.6240, 21.3844, 141.5268



91.7490, 21.8157, 143.1711



175.7400, 33.6522, -154.1240



116.6850, 1.1413, 7.2923



67.9110, 15.8199, 106.1951



22.0010, 5.4225, 34.2021

Previews

White Background



This preview shows how the YUV color 90.6240, 21.3844, 141.5268 looks on a white background.

Color Contrast Check

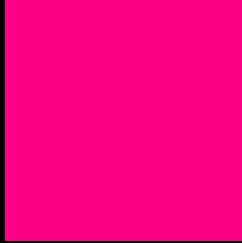
Large Text (above 18pt) WCAG AA ✓ Pass

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 90.6240, 21.3844, 141.5268 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 90.6240, 21.3844, 141.5268

Background



This preview shows how black text looks on a background with the YUV color 90.6240, 21.3844, 141.5268.



This preview shows how white text looks on a background with the YUV color 90.6240, 21.3844,

141.5268.

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

90.6240, 21.3844, 141.5268

Protanopia

131.5010, 30.3190, -17.9794

Deuteranopia

132.5240, -4.6953, 12.6955



Tritanopia

111.4190, -28.3076, 119.7815

Trichromacy



Original Color

90.6240, 21.3844, 141.5268



Protanomaly

116.7670, 27.2299, 39.6693



Deuteranomaly

117.3400, 4.7624, 59.3378



Tritanomaly

103.8710, -10.2894, 127.2781

Monochromacy



Original Color

90.6240, 21.3844, 141.5268



Achromatopsia

91.0000, 0.0000, 0.0000



Achromatomaly

91.0940, 7.8417, 51.6606

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.6240, 21.3844, 141.5268 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(252, 0, 134)` looks like.

```
.text, #text, p{  
    color:rgb(252, 0, 134)  
}
```

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(252, 0, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 0, 134) }
```

Border

The CSS property to change the border of an element to YUV 90.6240, 21.3844, 141.5268 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(252, 0, 134) }
```


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

```
.border{ border-color:rgb(252, 0, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 0, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 0, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 0, 134);  
box-shadow:4px 4px 4px 4px rgb(252, 0,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 90.6240, 21.3844, 141.5268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 0, 134) }
```

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

```
.background{ background-color: rgb(252, 0,  
134) }
```

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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