

# Converting Colors

YUV(99.6930, 6.5604, 136.2042)

Have a look what the booklet for  
YUV(99.6930, 6.5604, 136.2042)  
contains.

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# Color

**YUV(99.6930, 6.5604,  
136.2042)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FF1271
RGB	255, 18, 113
RGB Percent	100%, 7%, 44%
CMY	0.0000, 0.9294, 0.5569
CMYK	0.00, 0.93, 0.56, 0.00
HSL	336°, 100%, 54%
HSV	336°, 93%, 100%
XYZ	44.4369, 22.8849, 17.6979
YIQ	99.6930, 110.7570, 79.7890

# Conversions

## Conversions Part 2

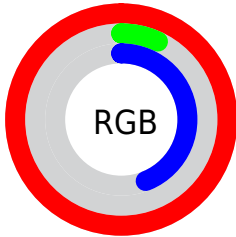
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 18, 113
Decimal	16716401
CIE <sub>Lab</sub>	54.95, 82.23, 13.19
CIE <sub>LCh</sub>	55, 83.282, 9.109
Yxy	22.8849, 0.5227, 0.2692
Android (android.graphics.Color)	4294906481 (0xFFFF1271)
YUV	99.6930, 6.5604, 136.2042
Hunter-Lab	47.8381, 82.0923, 11.5521

# Details

The YUV color **99.6930, 6.5604, 136.2042** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed rose. A complement of this color would be **173.3070, -6.5604, -136.2042**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.4020, 4.2388, 87.3474**, and **64.6330, 0.6739, 110.8239** is the 20% darker color. If you saturate the color by 10%, you get **87.8730, 6.9646, 146.5704**, and if you desaturate by 10%, it is **116.6650, 5.5882, 121.3198**.

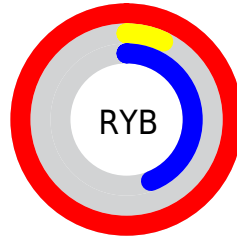
# Distribution



Red (100%)

Green (7%)

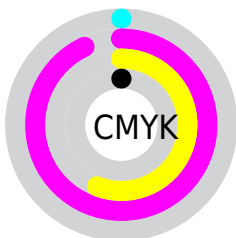
Blue (44%)



Red (100%)

Yellow (7%)

Blue (44%)

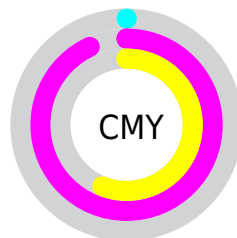


Cyan (0%)

Magenta (93%)

Yellow (56%)

Black (0%)



Cyan (0%)

Magenta (93%)


Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 99.6930, 6.5604, 136.2042 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 99.6930, 6.5604, 136.2042 by changing the saturation by 10% instead.





 99.6930, 6.5604,  
136.2042

 99.6930, 6.5604,  
136.2042


255.0000, 0.0000,  
0.0000


 76.8230, 6.0033,  
128.1972


 155.4020, 4.2388,  
87.3474


 64.6330, 0.6739,  
110.8239


 176.6770, 7.0612,  
68.6893

 52.5570, -4.2186,  
93.3505


 198.0660, 10.3205,  
49.9311

 40.8230, -7.8007,  
75.5772

 218.9820, 14.3059,  
31.5878

 29.0460, -12.8407,  
58.7187

 237.9770, 8.3923,  
14.9292

 19.7770, -8.2711,  
39.6606

 9.3830, -4.1328,

18.9581

■ 0.0000, 0.0000,  
0.0000

■ 99.6930, 6.5604,  
136.2042

■ 99.6930, 6.5604,  
136.2042

■ 87.8730, 6.9646,  
146.5704

■ 116.6650, 5.5882,  
121.3198

■ 133.1640, 5.3421,  
106.8502

■ 150.1360, 4.3700,  
91.9657

■ 166.5210, 3.6871,  
77.5961

■ 183.4930, 2.7150,  
62.7116

199.9920, 2.4689,  
48.2420

216.9640, 1.4967,  
33.3576

233.3490, 0.8139,  
18.9879

250.4350, 0.2785,  
4.0035

# Harmonies

## Analogous

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



120.0960, 31.9977, 97.2628



99.6930, 6.5604, 136.2042



116.2900, -36.1320, 109.3707

# Triad

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



99.6930, 6.5604, 136.2042



104.4840, -51.5106, -45.1515



118.8810, 67.1067, -104.2586

# Complementary

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



99.6930, 6.5604, 136.2042



173.3070, -6.5604, -136.2042

# 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.



119.8150, 50.3772, -105.0778



99.6930, 6.5604, 136.2042



101.9970, -12.8165, -89.4514

# Square

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



99.6930, 6.5604, 136.2042



121.6920, -59.9942, 16.0561



112.4220, 19.5120, -98.5941



107.7280, 72.6051, -94.4775



# Rectangle

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



99.6930, 6.5604, 136.2042



120.6370, -59.4740, 82.7564



112.4220, 19.5120, -98.5941



121.2290, 65.9491, -106.3178

# Sweetspot

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



99.6930, 6.5604, 136.2042



208.4210, 1.7644, 40.8498



86.2800, 83.1790, 61.1444



99.2080, 1.3765, 25.2506



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.



99.6930, 6.5604, 136.2042



87.8730, 6.9646, 146.5704



100.6030, -40.7233, 135.4062



119.4570, 0.2677, 7.4922



65.8870, 5.4787, 109.7241



22.1000, 1.9227, 36.7463



# Inverse Universe

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



99.6930, 6.5604, 136.2042



87.8730, 6.9646, 146.5704



172.3970, 40.7233, -135.4062



119.4570, 0.2677, 7.4922



65.8870, 5.4787, 109.7241



22.1000, 1.9227, 36.7463



# Previews

## White Background



This preview shows how the YUV color 99.6930, 6.5604, 136.2042 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

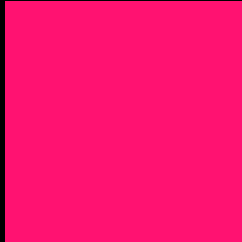
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 99.6930, 6.5604, 136.2042 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 99.6930, 6.5604, 136.2042

## Background



This preview shows how black text looks on a background with the YUV color 99.6930, 6.5604, 136.2042.



This preview shows how white text looks on a background with the YUV color 99.6930, 6.5604,



# 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

99.6930, 6.5604, 136.2042

### Protanopia

132.8540, 14.8620, -6.8880

### Deuteranopia

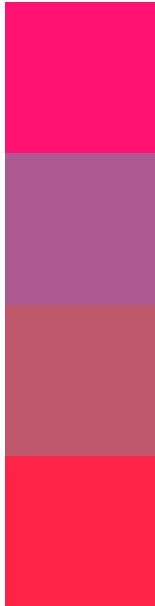
132.5220, -15.0473, 19.7132



## Tritanopia

108.2950, -30.2184, 126.0293

# Trichromacy



## Original Color

99.6930, 6.5604, 136.2042

## Protanomaly

120.7880, 11.9365, 44.9129

## Deuteranomaly

120.2620, -7.0312, 62.0372

## Tritanomaly

104.8730, -16.6994, 129.9074

# Monochromacy



## Original Color

99.6930, 6.5604, 136.2042

## Achromatopsia

100.0000, 0.0000, 0.0000

## Achromatomaly

99.7040, 2.6109, 49.3716

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 99.6930, 6.5604, 136.2042 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, 18, 113)` looks like.

```
.text, #text, p{  
    color:rgb(255, 18, 113)  
}
```

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, 18, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 18, 113) }
```

## Border

The CSS property to change the border of an element to YUV 99.6930, 6.5604, 136.2042 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, 18, 113) }
```



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

```
.border{ border-color:rgb(255, 18, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 18, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 18, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 18, 113);  
box-shadow:4px 4px 4px 4px rgb(255, 18,  
113) }
```

# Background

The CSS property to change the background color of an element to YUV 99.6930, 6.5604, 136.2042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 18, 113) }
```

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

```
.background{ background-color: rgb(255, 18,  
113) }
```

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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