

Converting Colors

YUV(103.1930, 25.0479,
133.1347)

Have a look what the booklet for
YUV(103.1930, 25.0479, 133.1347)
contains.

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Color

**YUV(103.1930, 25.0479,
133.1347)**

Conversions

Conversions Part 1

Format	Color
Hex	FF109A
RGB	255, 16, 154
RGB Percent	100%, 6%, 60%
CMY	0.0000, 0.9373, 0.3961
CMYK	0.00, 0.94, 0.40, 0.00
HSL	325°, 100%, 53%
HSV	325°, 94%, 100%
XYZ	47.2580, 23.9637, 32.7065
YIQ	103.1930, 98.1460, 93.5860

Conversions

Conversions Part 2

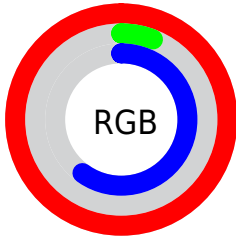
Format	Color
RYB	255, 16, 154
Decimal	16715930
CIELab	56.05, 85.54, -9.72
CIELCh	56, 86.094, 353.520
Yxy	23.9637, 0.4547, 0.2306
Android (android.graphics.Color)	4294906010 (0xFFFF109A)
YUV	103.1930, 25.0479, 133.1347
Hunter-Lab	48.9527, 86.6533, -5.3462

Details

The YUV color **103.1930, 25.0479, 133.1347** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle washed rose. A complement of this color would be **167.8070, -25.0479, -133.1347**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.0050, 23.1685, 82.4336**, and **69.1500, 16.6880, 107.7394** 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 **119.7090, 22.3285, 118.6502**.

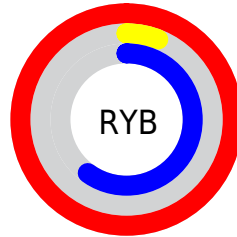
Distribution



Red (100%)

Green (6%)

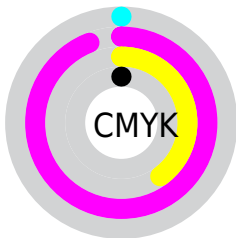
Blue (60%)



Red (100%)

Yellow (6%)

Blue (60%)

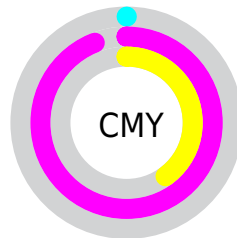


Cyan (0%)

Magenta (94%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (94%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YUV color 103.1930, 25.0479, 133.1347 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 103.1930, 25.0479, 133.1347 by changing the saturation by 10% instead.


 103.1930, 25.0479,
133.1347


 103.1930, 25.0479,
133.1347


255.0000, 0.0000,
0.0000


 81.2690, 23.0384,
124.2981


 161.0050, 23.1685,
82.4336


 69.1500, 16.6880,
107.7394

 183.0950, 26.5752,
63.0607


 57.1450, 10.7745,
91.0808


 203.3440, 25.4664,
45.3023

 45.2540, 5.2978,
74.3222

 220.9540, 16.7847,
29.8583

 33.8900, 0.5472,
57.9785

 239.1510, 7.8136,
13.8996

 22.4830, -5.6611,
42.5494

 11.7750, -5.3121,

23.8763

■ 0.0000, 0.0000,
0.0000

■ 103.1930, 25.0479,
133.1347

■ 103.1930, 25.0479,
133.1347

■ 93.0030, 26.6205,
142.0714

■ 119.7090, 22.3285,
118.6502

■ 135.6380, 19.8985,
104.6805

■ 152.0400, 16.7423,
90.2959

■ 167.9690, 14.3123,
76.3262

■ 184.4850, 11.5929,
61.8417

■ 200.4140, 9.1629,
47.8719

■ 216.8160, 6.0067,
33.4874

■ 232.7450, 3.5767,
19.5176

■ 249.2610, 0.8573,
5.0331

Harmonies

Analogous

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



133.0300, 45.3412, 63.9947



103.1930, 25.0479, 133.1347



107.0840, -13.3524, 129.7223

Triad

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



103.1930, 25.0479, 133.1347



118.5700, -58.4550, -11.0239



124.1640, 64.5021, -108.8918

Complementary

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



103.1930, 25.0479, 133.1347



167.8070, -25.0479, -133.1347

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.



119.3300, 35.8263, -104.6524



103.1930, 25.0479, 133.1347



96.7530, -32.9092, -84.8524

Square

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



103.1930, 25.0479, 133.1347



126.8850, -62.5543, 43.9509



109.9650, 2.4823, -96.4393



116.5330, 68.2642, -102.1994

Rectangle

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



103.1930, 25.0479, 133.1347



119.1020, -44.4203, 107.7815



109.9650, 2.4823, -96.4393



123.2860, 56.0610, -108.1218

Sweetspot

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



103.1930, 25.0479, 133.1347



209.9030, 7.4428, 39.5501



73.1460, 89.6540, 37.5830



100.0060, 4.4340, 24.5507



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.



103.1930, 25.0479, 133.1347



93.0030, 26.6205, 142.0714



89.7410, -26.4943, 144.9321



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.



103.1930, 25.0479, 133.1347



93.0030, 26.6205, 142.0714



181.2590, 26.4943, -144.9321



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 103.1930, 25.0479, 133.1347 looks on a white background.

Color Contrast Check

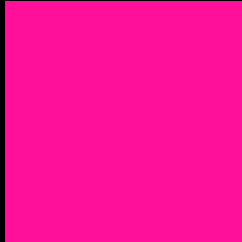
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.1930, 25.0479, 133.1347 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 103.1930, 25.0479, 133.1347 Background



This preview shows how black text looks on a background with the YUV color 103.1930, 25.0479, 133.1347.



This preview shows how white text looks on a background with the YUV color 103.1930, 25.0479, 133.1347.

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

103.1930, 25.0479, 133.1347

Protanopia

132.7630, 43.0078, -27.8562

Deuteranopia

136.5540, 3.1779, 7.4071



Tritanopia

118.4400, -26.8389, 115.3781

Trichromacy



Original Color

103.1930, 25.0479, 133.1347



Protanomaly

122.1170, 36.4243, 30.5924



Deuteranomaly

124.3160, 11.1832, 53.2199



Tritanomaly

112.8210, -7.7998, 122.0600

Monochromacy



Original Color

103.1930, 25.0479, 133.1347



Achromatopsia

103.0000, 0.0000, 0.0000



Achromatomaly

102.8270, 9.4523, 48.3867

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.1930, 25.0479, 133.1347 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, 16, 154)` looks like.

```
.text, #text, p{  
    color:rgb(255, 16, 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, 16, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 16, 154) }
```

Border

The CSS property to change the border of an element to YUV 103.1930, 25.0479, 133.1347 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, 16, 154) }
```


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

```
.border{ border-color:rgb(255, 16, 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, 16, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 16, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 16, 154);  
box-shadow:4px 4px 4px 4px rgb(255, 16,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 103.1930, 25.0479, 133.1347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 16, 154) }
```

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

```
.background{ background-color: rgb(255, 16,  
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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