

Converting Colors

YUV(90.1550, 26.0526,
137.5531)

Have a look what the booklet for
YUV(90.1550, 26.0526, 137.5531)
contains.

YUV(90.1550, 26.0526, 137.5531)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(90.1550, 26.0526,
137.5531)**

Conversions

Conversions Part 1

Format	Color
Hex	F7008F
RGB	247, 0, 143
RGB Percent	97%, 0%, 56%
CMY	0.0314, 1.0000, 0.4392
CMYK	0.00, 1.00, 0.42, 0.03
HSL	325°, 100%, 48%
HSV	325°, 100%, 97%
XYZ	43.3157, 21.7573, 27.9032
YIQ	90.1550, 101.3090, 96.8370

Conversions

Conversions Part 2

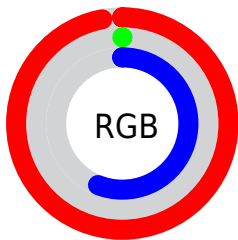
Format	Color
R_{YB}	247, 0, 143
Decimal	16187535
CIE _{Lab}	53.77, 84.05, -6.75
CIE _{LCh}	54, 84.318, 355.411
Yxy	21.7573, 0.4659, 0.2340
Android (android.graphics.Color)	4294377615 (0xFFFF7008F)
YUV	90.1550, 26.0526, 137.5531
Hunter-Lab	46.6448, 84.1321, -2.8163

Details

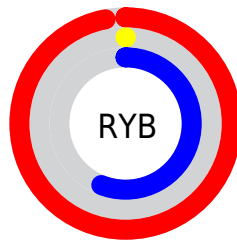
The YUV color **90.1550, 26.0526, 137.5531** is a dark color, and the websafe version is hex **FF0099**. The color can be described as dark saturated rose. A complement of this color would be **156.8450, -26.0526, -137.5531**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.2290, 20.1001, 86.6222**, and **65.6180, 13.4993, 103.8210** is the 20% darker color. If you saturate the color by 10%, you get **90.1550, 26.0526, 137.5531**, and if you desaturate by 10%, it is **105.9700, 23.1858, 123.6833**.

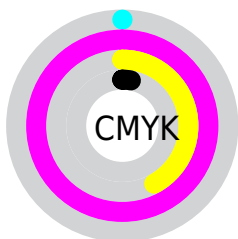
Distribution



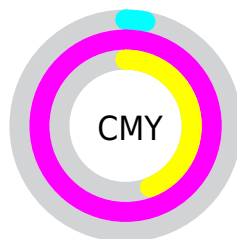
- Red (97%)
- Green (0%)
- Blue (56%)



- Red (97%)
- Yellow (0%)
- Blue (56%)



- Cyan (0%)
- Magenta (100%)
- Yellow (42%)
- Black (3%)





- Cyan (3%)
- Magenta (100%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YUV color 90.1550, 26.0526, 137.5531 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 90.1550, 26.0526, 137.5531 by changing the saturation by 10% instead.


 90.1550, 26.0526,
137.5531


 90.1550, 26.0526,
137.5531


255.0000, 0.0000,
0.0000


 77.6230, 19.4129,
120.4796


 156.2290, 20.1001,
86.6222


 65.6180, 13.4993,
103.8210


 178.2050, 23.0699,
67.3492


 53.6130, 7.5858,
87.1624


 199.5940, 26.3292,
48.5911

 42.1350, 2.3984,
70.9186

 218.0190, 18.2316,
32.4323

 30.8850, -1.9153,
54.4749

 235.6290, 9.5499,
16.9884

 19.1790, -7.9762,
38.4310

253.8260, 0.5788,

 8.1870, -3.5432,

1.0296

16.4990

■ 0.0000, 0.0000,
0.0000

■ 90.1550, 26.0526,
137.5531

■ 105.9700, 23.1858,
123.6833

■ 121.3120, 21.0452,
110.2284

■ 137.1270, 18.1784,
96.3586

■ 153.0560, 15.7484,
82.3889

■ 168.8710, 12.8816,
68.5191

■ 184.0990, 10.3042,
55.1642

■ 200.0280, 7.8742,
41.1944

■ 215.8430, 5.0074,
27.3247

■ 231.1850, 2.8668,
13.8698

Harmonies

Analogous

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



125.6560, 42.5676, 66.9537



90.1550, 26.0526, 137.5531



103.0900, -15.8204, 127.9631

Triad

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



90.1550, 26.0526, 137.5531



112.0580, -55.2446, -14.0829



119.3710, 63.9071, -104.6884

Complementary

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



90.1550, 26.0526, 137.5531



156.8450, -26.0526, -137.5531

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.



114.8790, 36.5417, -100.7489



90.1550, 26.0526, 137.5531



93.5730, -29.8625, -82.0635

Square

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



90.1550, 26.0526, 137.5531



121.2480, -59.7753, 39.2475



105.8560, 4.5080, -92.8357



112.4240, 70.2900, -98.5958

Rectangle

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



90.1550, 26.0526, 137.5531



114.2000, -46.4406, 102.4336



105.8560, 4.5080, -92.8357



118.6070, 55.9027, -104.0183

Sweetspot

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



90.1550, 26.0526, 137.5531



206.7400, 8.0162, 42.3240



58.9550, 92.7062, 38.6275



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.



90.1550, 26.0526, 137.5531



93.1170, 27.0573, 141.9714



76.2470, -27.2368, 149.7504



114.3860, 1.2887, 6.6775



67.9260, 19.7565, 103.5509



21.5170, 6.1541, 32.8726

Inverse Universe

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



90.1550, 26.0526, 137.5531



93.1170, 27.0573, 141.9714



170.7530, 27.2368, -149.7504



114.3860, 1.2887, 6.6775



67.9260, 19.7565, 103.5509



21.5170, 6.1541, 32.8726

Previews

White Background



This preview shows how the YUV color 90.1550, 26.0526, 137.5531 looks on a white background.

Color Contrast Check

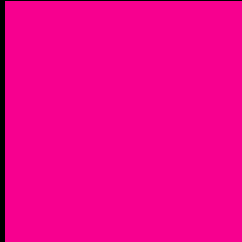
Large Text (above 18pt) WCAG AA ✓ Pass

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 90.1550, 26.0526, 137.5531 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 90.1550, 26.0526, 137.5531

Background



This preview shows how black text looks on a background with the YUV color 90.1550, 26.0526, 137.5531.



This preview shows how white text looks on a background with the YUV color 90.1550, 26.0526,

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

90.1550, 26.0526, 137.5531

Protanopia

128.7050, 37.6134, -24.2973

Deuteranopia

131.1690, 0.4097, 8.6218



Tritanopia

112.4290, -26.8335, 113.6338

Trichromacy



Original Color

90.1550, 26.0526, 137.5531



Protanomaly

114.3410, 33.3559, 34.7809



Deuteranomaly

116.2840, 9.7200, 55.8789



Tritanomaly

104.2340, -7.5104, 122.5748

Monochromacy



Original Color

90.1550, 26.0526, 137.5531



Achromatopsia

90.0000, 0.0000, 0.0000



Achromatomaly

89.8380, 9.4469, 50.1311

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.1550, 26.0526, 137.5531 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(247, 0, 143)` looks like.

```
.text, #text, p{  
    color:rgb(247, 0, 143)  
}
```

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(247, 0, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 0, 143) }
```

Border

The CSS property to change the border of an element to YUV 90.1550, 26.0526, 137.5531 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(247, 0, 143) }
```


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

```
.border{ border-color:rgb(247, 0, 143) }
```

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

Here you see how a box with a 4 pixel rgb(247, 0, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 0, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 0, 143);  
box-shadow:4px 4px 4px 4px rgb(247, 0,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 90.1550, 26.0526, 137.5531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 0, 143) }
```

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

```
.background{ background-color: rgb(247, 0,  
143) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor