

Converting Colors

YUV(146.2000, 27.5094,
90.1556)

Have a look what the booklet for
YUV(146.2000, 27.5094, 90.1556)
contains.

YUV(146.2000, 27.5094, 90.1556)	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(146.2000, 27.5094,
90.1556)**

Conversions

Conversions Part 1

Format	Color
Hex	F953CA
RGB	249, 83, 202
RGB Percent	98%, 33%, 79%
CMY	0.0235, 0.6745, 0.2078
CMYK	0.00, 0.67, 0.19, 0.02
HSL	317°, 93%, 65%
HSV	317°, 67%, 98%
XYZ	52.8208, 30.5905, 58.9977
YIQ	146.2000, 60.7370, 72.2010

Conversions

Conversions Part 2

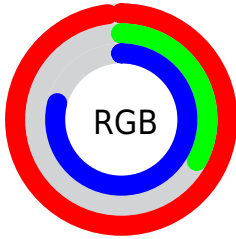
Format	Color
R_{YB}	249, 83, 202
Decimal	16339914
CIE _{Lab}	62.16, 74.18, -28.29
CIE _{LCh}	62, 79.393, 339.124
Yxy	30.5905, 0.3709, 0.2148
Android (android.graphics.Color)	4294529994 (0xFFFF953CA)
YUV	146.2000, 27.5094, 90.1556
Hunter-Lab	55.3087, 73.6807, -24.5285

Details

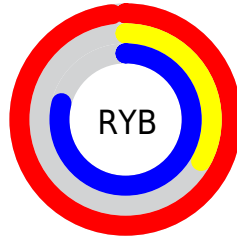
The YUV color **146.2000, 27.5094, 90.1556** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **185.8000, -27.5094, -90.1556**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.2560, 32.4118, 57.6575**, and **73.3830, 36.7862, 101.3961** is the 20% darker color. If you saturate the color by 10%, you get **130.7270, 31.6866, 103.7254**, and if you desaturate by 10%, it is **161.6730, 23.3322, 76.5858**.

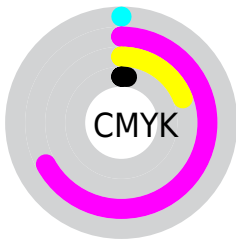
Distribution



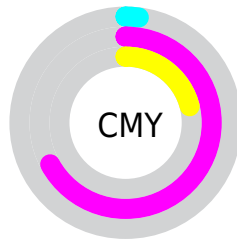
- Red (98%)
- Green (33%)
- Blue (79%)



- Red (98%)
- Yellow (33%)
- Blue (79%)



- Cyan (0%)
- Magenta (67%)
- Yellow (19%)
- Black (2%)




- Cyan (2%)
- Magenta (67%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the YUV color 146.2000, 27.5094, 90.1556 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 146.2000, 27.5094, 90.1556 by changing the saturation by 10% instead.


 146.2000, 27.5094,
90.1556


 146.2000, 27.5094,
90.1556


255.0000, 0.0000,
0.0000


 114.0800, 29.5406,
92.0148


 189.2560, 32.4118,
57.6575


 73.3830, 36.7862,
101.3961


 206.2790, 24.0195,
42.7283


 61.4490, 29.8516,
85.5522

 223.8890, 15.3377,
27.2843

 49.9280, 23.2065,
70.2231

 241.4990, 6.6560,
11.8404

 38.7060, 16.4139,
55.5088

 27.8260, 10.9318,
40.4946

 16.9460, 5.4496,

25.4804

■ 0.0000, 0.0000,
0.0000

■ 146.2000, 27.5094,
90.1556

■ 146.2000, 27.5094,
90.1556

■ 130.7270, 31.6866,
103.7254

■ 161.6730, 23.3322,
76.5858

■ 115.2540, 35.8638,
117.2952

■ 177.1460, 19.1550,
63.0160

■ 99.7810, 40.0410,
130.8651

■ 192.6190, 14.9778,
49.4461

■ 94.8570, 41.4825,
135.1834

■ 208.0920, 10.8006,
35.8763

■ 223.5650, 6.6235,
22.3065

238.4510, 2.7357,
9.2515

252.7500, -0.8628,
-3.2887

253.2060, 0.8844,
-3.6887

Harmonies

Analogous

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



153.3190, 50.1287, 21.6452



146.2000, 27.5094, 90.1556



130.6220, 0.6794, 109.0795

Triad

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



146.2000, 27.5094, 90.1556



138.5370, -68.2987, 19.7001



132.7920, 51.8675, -116.4586

Complementary

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



146.2000, 27.5094, 90.1556



185.8000, -27.5094, -90.1556

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.



125.7410, 22.3127, -110.2749



146.2000, 27.5094, 90.1556



125.7900, -55.6055, -38.4038

Square

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



146.2000, 27.5094, 90.1556



140.9160, -69.4716, 69.3567



115.5440, -9.1422, -101.3321



129.4470, 61.8976, -113.5250

Rectangle

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



146.2000, 27.5094, 90.1556



134.1830, -23.7542, 105.9565



115.5440, -9.1422, -101.3321



130.9850, 42.4054, -114.8738

Sweetspot

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



146.2000, 27.5094, 90.1556



223.4670, 8.6438, 27.6544



115.0800, 66.0226, 10.4538



108.7770, 5.0399, 16.8586



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.



146.2000, 27.5094, 90.1556



128.6400, 33.7015, 110.8177



137.0800, -7.4344, 98.1538



116.9130, 2.0149, 7.0923



71.9010, 31.1078, 102.6958



23.2550, 10.2273, 33.1024

Inverse Universe

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



146.2000, 27.5094, 90.1556



128.6400, 33.7015, 110.8177



194.9200, 7.4344, -98.1538



116.9130, 2.0149, 7.0923



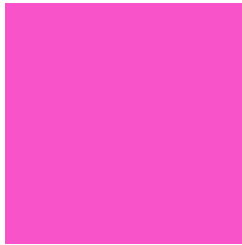
71.9010, 31.1078, 102.6958



23.2550, 10.2273, 33.1024

Previews

White Background



This preview shows how the YUV color 146.2000, 27.5094, 90.1556 looks on a white background.

Color Contrast Check

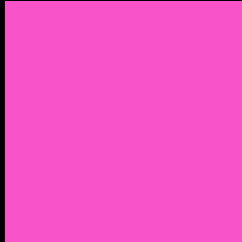
Large Text (above 18pt) WCAG AA × Fail

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 146.2000, 27.5094, 90.1556 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 ✓ Pass

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

YUV 146.2000, 27.5094, 90.1556

Background



This preview shows how black text looks on a background with the YUV color 146.2000, 27.5094, 90.1556.



This preview shows how white text looks on a background with the YUV color 146.2000, 27.5094, 90.1556.

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

146.2000, 27.5094, 90.1556

Protanopia

146.8250, 52.3443, -35.8035

Deuteranopia

151.5210, 19.9561, -7.4729



Tritanopia

147.8640, -16.6950, 81.6803

Trichromacy



Original Color

146.2000, 27.5094, 90.1556



Protanomaly

146.7060, 43.0359, 9.9048



Deuteranomaly

149.5500, 22.8999, 28.4587



Tritanomaly

147.1260, -0.5551, 84.9585

Monochromacy



Original Color

146.2000, 27.5094, 90.1556



Achromatopsia

146.0000, 0.0000, 0.0000



Achromatomaly

145.8420, 9.9379, 32.5876

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.2000, 27.5094, 90.1556 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(249, 83, 202)` looks like.

```
.text, #text, p{  
    color:rgb(249, 83, 202)  
}
```

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(249, 83, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 83, 202) }
```

Border

The CSS property to change the border of an element to YUV 146.2000, 27.5094, 90.1556 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(249, 83, 202) }
```


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

```
.border{ border-color:rgb(249, 83, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 83, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 83, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 83, 202);  
box-shadow:4px 4px 4px 4px rgb(249, 83,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 146.2000, 27.5094, 90.1556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 83, 202) }
```

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

```
.background{ background-color: rgb(249, 83,  
202) }
```

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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