

Converting Colors

YUV(164.1750, 35.4097,
76.1455)

Have a look what the booklet for
YUV(164.1750, 35.4097, 76.1455)
contains.

YUV(164.1750, 35.4097, 76.1455)	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(164.1750, 35.4097,
76.1455)**

Conversions

Conversions Part 1

Format	Color
Hex	FB6AEC
RGB	251, 106, 236
RGB Percent	98%, 42%, 93%
CMY	0.0157, 0.5843, 0.0745
CMYK	0.00, 0.58, 0.06, 0.02
HSL	306°, 95%, 70%
HSV	306°, 58%, 98%
XYZ	60.0780, 36.8734, 83.3077
YIQ	164.1750, 44.6900, 71.1700

Conversions

Conversions Part 2

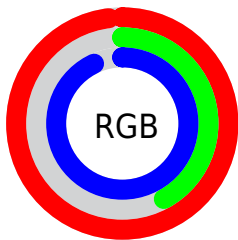
Format	Color
R _Y B	251, 106, 236
Decimal	16476908
CIE _{Lab}	67.18, 70.56, -39.51
CIE _{LCh}	67, 80.868, 330.755
Yxy	36.8734, 0.3333, 0.2046
Android (android.graphics.Color)	4294666988 (0xFFFB6AEC)
YUV	164.1750, 35.4097, 76.1455
Hunter-Lab	60.7235, 70.3365, -38.8346

Details

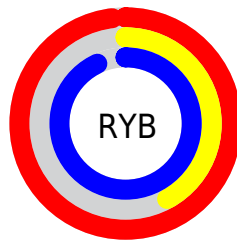
The YUV color **164.1750, 35.4097, 76.1455** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **192.8250, -35.4097, -76.1455**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.5830, 26.3346, 46.8467**, and **102.8700, 38.0251, 77.2900** is the 20% darker color. If you saturate the color by 10%, you get **149.1580, 41.3341, 89.3154**, and if you desaturate by 10%, it is **179.1920, 29.4853, 62.9756**.

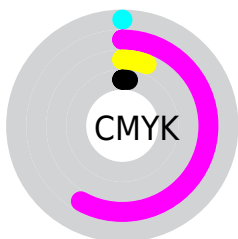
Distribution



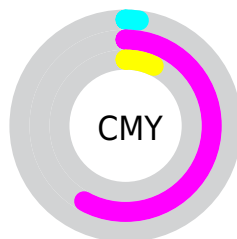
- Red (98%)
- Green (42%)
- Blue (93%)



- Red (98%)
- Yellow (42%)
- Blue (93%)



- Cyan (0%)
- Magenta (58%)
- Yellow (6%)
- Black (2%)





- Cyan (2%)
- Magenta (58%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YUV color 164.1750, 35.4097, 76.1455 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 164.1750, 35.4097, 76.1455 by changing the saturation by 10% instead.

 164.1750, 35.4097,
76.1455


 164.1750, 35.4097,
76.1455


255.0000, 0.0000,
0.0000


 134.4030, 36.2833,
75.9456


 201.5830, 26.3346,
46.8467

 102.8700, 38.0251,
77.2900


 218.6060, 17.9422,
31.9175


 65.8800, 42.9502,
84.2972

 235.6290, 9.5499,
16.9884

 54.4300, 35.2840,
69.7829

 253.2390, 0.8682,
1.5444

 43.2080, 28.4915,
55.0686

 31.9860, 21.6989,
40.3543

 21.5900, 15.4851,

26.6696

■ 8.8020, 10.4506,
8.0666

■ 0.0000, 0.0000,
0.0000

■ 164.1750, 35.4097,
76.1455

■ 164.1750, 35.4097,
76.1455

■ 149.1580, 41.3341,
89.3154

■ 179.1920, 29.4853,
62.9756

■ 134.2550, 47.6953,
102.3854

■ 194.0950, 23.1242,
49.9057

■ 119.2380, 53.6197,
115.5553

■ 209.1120, 17.1998,
36.7358

■ 104.3350, 59.9808,
128.6252

■ 224.0150, 10.8386,
23.6658

100.6990, 61.2804,
131.8140

239.0320, 4.9142,
10.4959

253.4620, -0.7208,
-2.1592

253.6900, 0.1528,
-2.3591

253.8040, 0.5896,
-2.4591

Harmonies

Analogous

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



161.1500, 46.2681, -0.1315



164.1750, 35.4097, 76.1455



142.6020, 11.0422, 98.5730

Triad

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



164.1750, 35.4097, 76.1455



152.5130, -75.1889, 36.3841



141.9560, 46.3637, -124.4954

Complementary

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



164.1750, 35.4097, 76.1455



192.8250, -35.4097, -76.1455

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.



133.6340, 14.4774, -117.1970



164.1750, 35.4097, 76.1455



141.8390, -69.9266, -18.2758

Square

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



164.1750, 35.4097, 76.1455



154.8130, -66.4628, 84.3560



122.0350, -17.2723, -107.0247



140.0130, 56.6886, -122.7914

Rectangle

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



164.1750, 35.4097, 76.1455



141.2390, -11.9498, 99.7684



122.0350, -17.2723, -107.0247



139.3340, 36.3173, -122.1959

Sweetspot

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



164.1750, 35.4097, 76.1455



229.3030, 10.6966, 22.5363



126.7160, 61.2720, -5.8899



112.3960, 6.2138, 13.6847



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.



164.1750, 35.4097, 76.1455



149.6360, 43.0705, 92.4042



155.9670, 3.9603, 83.3439



117.2550, 3.3253, 6.7924



75.7770, 45.9589, 99.2966



24.5090, 15.0321, 32.0026

Inverse Universe

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



164.1750, 35.4097, 76.1455



149.6360, 43.0705, 92.4042



201.0330, -3.9603, -83.3439



117.2550, 3.3253, 6.7924



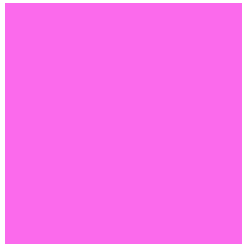
75.7770, 45.9589, 99.2966



24.5090, 15.0321, 32.0026

Previews

White Background



This preview shows how the YUV color 164.1750, 35.4097, 76.1455 looks on a white background.

Color Contrast Check

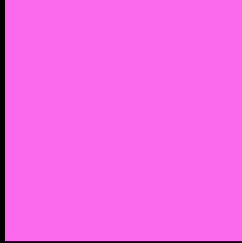
Large Text (above 18pt) WCAG AA × Fail

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 164.1750, 35.4097, 76.1455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

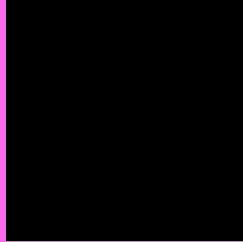
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 164.1750, 35.4097, 76.1455

Background



This preview shows how black text looks on a background with the YUV color 164.1750, 35.4097, 76.1455.



This preview shows how white text looks on a background with the YUV color 164.1750, 35.4097,

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

164.1750, 35.4097, 76.1455

Protanopia

161.8490, 45.9234, -29.6856

Deuteranopia

163.7290, 31.1926, -18.1793



Tritanopia

164.6170, -12.1362, 66.1109

Trichromacy



Original Color

164.1750, 35.4097, 76.1455



Protanomaly

162.7660, 42.0204, 8.9752



Deuteranomaly

163.9920, 32.5419, 15.7930



Tritanomaly

164.5200, 5.1666, 69.7040

Monochromacy



Original Color

164.1750, 35.4097, 76.1455



Achromatopsia

164.0000, 0.0000, 0.0000



Achromatomaly

164.2050, 12.7169, 27.8842

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.1750, 35.4097, 76.1455 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(251, 106, 236)` looks like.

```
.text, #text, p{  
    color:rgb(251, 106, 236)  
}
```

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(251, 106, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 106, 236) }
```

Border

The CSS property to change the border of an element to YUV 164.1750, 35.4097, 76.1455 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(251, 106, 236) }
```


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

```
.border{ border-color:rgb(251, 106, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 106, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 106, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 106, 236);  
box-shadow:4px 4px 4px 4px rgb(251, 106,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 164.1750, 35.4097, 76.1455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 106, 236) }
```

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

```
.background{ background-color: rgb(251,  
106, 236) }
```

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