

Converting Colors

YUV(84.2120, -0.5975,
145.3961)

Have a look what the booklet for
YUV(84.2120, -0.5975, 145.3961)
contains.

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Color

**YUV(84.2120, -0.5975,
145.3961)**

Conversions

Conversions Part 1

Format	Color
Hex	FA0053
RGB	250, 0, 83
RGB Percent	98%, 0%, 33%
CMY	0.0196, 1.0000, 0.6745
CMYK	0.00, 1.00, 0.67, 0.02
HSL	340°, 100%, 49%
HSV	340°, 100%, 98%
XYZ	40.9857, 20.9485, 10.0669
YIQ	84.2120, 122.3570, 78.8130

Conversions

Conversions Part 2

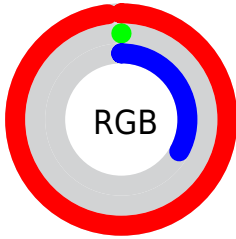
Format	Color
R_{YB}	250, 0, 83
Decimal	16384083
CIE _{Lab}	52.89, 80.79, 28.35
CIE _{LCh}	53, 85.622, 19.332
Yxy	20.9485, 0.5692, 0.2909
Android (android.graphics.Color)	4294574163 (0xFFFA0053)
YUV	84.2120, -0.5975, 145.3961
Hunter-Lab	45.7696, 79.7462, 18.9980

Details

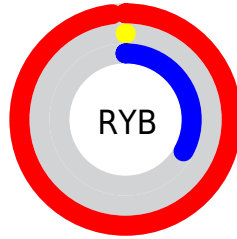
The YUV color **84.2120, -0.5975, 145.3961** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark saturated red. A complement of this color would be **165.7880, 0.5975, -145.3961**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.2320, -8.0024, 93.6355**, and **59.7610, -10.2352, 109.8346** is the 20% darker color. If you saturate the color by 10%, you get **84.2120, -0.5975, 145.3961**, and if you desaturate by 10%, it is **100.8250, -0.4067, 130.8265**.

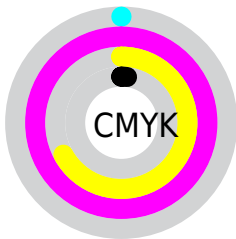
Distribution



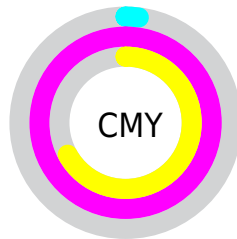
- Red (98%)
- Green (0%)
- Blue (33%)



- Red (98%)
- Yellow (0%)
- Blue (33%)



- Cyan (0%)
- Magenta (100%)
- Yellow (67%)
- Black (2%)





- Cyan (2%)
- Magenta (100%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the YUV color 84.2120, -0.5975, 145.3961 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 84.2120, -0.5975, 145.3961 by changing the saturation by 10% instead.


 84.2120, -0.5975,
145.3961


 84.2120, -0.5975,
145.3961


255.0000, 0.0000,
0.0000


 71.7230, -5.7794,
127.4079


 148.2320, -8.0024,
93.6355

 59.7610, -10.2352,
109.8346


 169.9800, -5.9061,
74.5625

 47.7280, -13.6699,
91.4465

 190.6680, -2.7943,
56.4192

 36.4070, -16.9627,
74.1881

 211.9430, 0.0281,
37.7610

 27.0670, -11.3720,
54.3152

 232.8590, 4.0135,
19.4177

 17.5700, -7.6760,
35.4571

 252.6520, 1.1576,

 5.0830, -2.5059,

2.0592

10.4512

■ 0.0000, 0.0000,
0.0000

■ 84.2120, -0.5975,
145.3961

■ 100.8250, -0.4067,
130.8265

■ 117.3240, -0.6527,
116.3569

■ 133.9370, -0.4619,
101.7873

■ 150.5500, -0.2711,
87.2177

■ 167.0490, -0.5172,
72.7480

■ 183.6620, -0.3264,
58.1784

■ 200.2750, -0.1356,
43.6088

■ 216.8880, 0.0552,
29.0392

■ 233.3870, -0.1908,
14.5696

Harmonies

Analogous

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



89.8430, 32.6154, 132.5647



84.2120, -0.5975, 145.3961



111.0010, -54.7235, 99.1001

Triad

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



84.2120, -0.5975, 145.3961



87.4630, -43.1193, -76.7051



113.0110, 70.0006, -99.1106

Complementary

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



84.2120, -0.5975, 145.3961



165.7880, 0.5975, -145.3961

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.



117.5300, 59.3917, -103.0738



84.2120, -0.5975, 145.3961



101.9290, -2.9230, -89.3917

Square

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



84.2120, -0.5975, 145.3961



113.0100, -55.7139, -3.5168



111.8810, 30.1317, -98.1196



98.9230, 76.9460, -86.7555

Rectangle

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



84.2120, -0.5975, 145.3961



118.4670, -58.4042, 66.2424



111.8810, 30.1317, -98.1196



115.9460, 68.5536, -101.6846

Sweetspot

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



84.2120, -0.5975, 145.3961



204.5740, -0.2830, 44.2236



78.4330, 84.5825, 77.6733



97.4640, -0.2288, 26.7801



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.



84.2120, -0.5975, 145.3961



85.9350, -0.4610, 148.2700



99.4040, -49.0062, 132.0727



116.4570, 0.2677, 7.4922



63.6930, -0.3416, 109.8942



20.5190, -0.2559, 35.5018

Inverse Universe

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



84.2120, -0.5975, 145.3961



85.9350, -0.4610, 148.2700



150.5960, 49.0062, -132.0727



116.4570, 0.2677, 7.4922



63.6930, -0.3416, 109.8942



20.5190, -0.2559, 35.5018

Previews

White Background



This preview shows how the YUV color 84.2120, -0.5975, 145.3961 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 84.2120, -0.5975, 145.3961 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 84.2120, -0.5975, 145.3961

Background



This preview shows how black text looks on a background with the YUV color 84.2120, -0.5975, 145.3961.

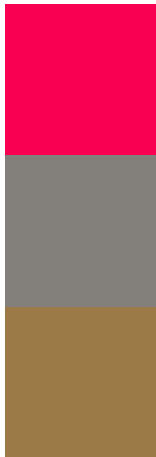


This preview shows how white text looks on a background with the YUV color 84.2120, -0.5975,

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

84.2120, -0.5975, 145.3961

Protanopia

127.6260, -2.7736, 2.9590

Deuteranopia

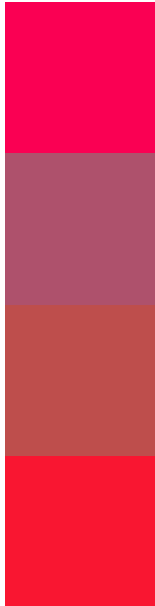
126.4660, -26.8517, 25.9013



Tritanopia

97.7150, -33.8765, 132.6769

Trichromacy



Original Color

84.2120, -0.5975, 145.3961

Protanomaly

111.8850, -1.9153, 54.4749

Deuteranomaly

111.2600, -17.3832, 69.0550

Tritanomaly

92.9510, -21.6678, 136.8550

Monochromacy



Original Color

84.2120, -0.5975, 145.3961

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.7430, 0.1267, 52.8454

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.2120, -0.5975, 145.3961 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(250, 0, 83)` looks like.

```
.text, #text, p{  
    color:rgb(250, 0, 83)  
}
```

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(250, 0, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 0, 83) }
```

Border

The CSS property to change the border of an element to YUV 84.2120, -0.5975, 145.3961 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(250, 0, 83) }
```


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

```
.border{ border-color:rgb(250, 0, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 0, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 0, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 0, 83);  
box-shadow:4px 4px 4px 4px rgb(250, 0, 83)  
}
```

Background

The CSS property to change the background color of an element to YUV 84.2120, -0.5975, 145.3961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 0, 83) }
```

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

```
.background{ background-color: rgb(250, 0,  
83) }
```

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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