

Converting Colors

YUV(85.8360, 3.0389, 145.7258)

Have a look what the booklet for
YUV(85.8360, 3.0389, 145.7258)
contains.

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Color

**YUV(85.8360, 3.0389,
145.7258)**

Conversions

Conversions Part 1

Format	Color
Hex	FC005C
RGB	252, 0, 92
RGB Percent	99%, 0%, 36%
CMY	0.0118, 1.0000, 0.6392
CMYK	0.00, 1.00, 0.63, 0.01
HSL	338°, 100%, 49%
HSV	338°, 100%, 99%
XYZ	42.0767, 21.4682, 12.0513
YIQ	85.8360, 120.6600, 82.0360

Conversions

Conversions Part 2

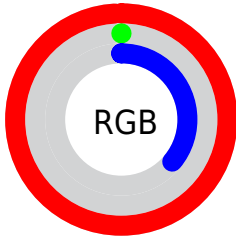
Format	Color
RYB	252, 0, 92
Decimal	16515164
CIELab	53.46, 81.68, 23.73
CIElCh	53, 85.058, 16.199
Yxy	21.4682, 0.5566, 0.2840
Android (android.graphics.Color)	4294705244 (0xFFFC005C)
YUV	85.8360, 3.0389, 145.7258
Hunter-Lab	46.3337, 81.0156, 17.0124

Details

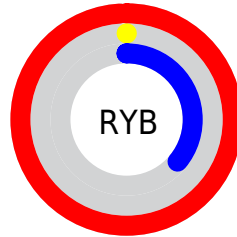
The YUV color **85.8360, 3.0389, 145.7258** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated red. A complement of this color would be **166.1640, -3.0389, -145.7258**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.9590, -3.9238, 92.1210**, and **61.2710, -7.0356, 110.2643** is the 20% darker color. If you saturate the color by 10%, you get **85.8360, 3.0389, 145.7258**, and if you desaturate by 10%, it is **102.3350, 2.7928, 131.2562**.

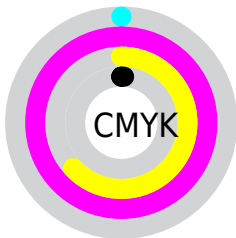
Distribution



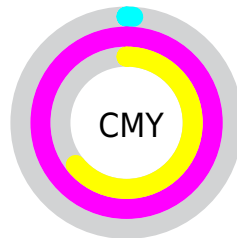
- Red (99%)
- Green (0%)
- Blue (36%)



- Red (99%)
- Yellow (0%)
- Blue (36%)



- Cyan (0%)
- Magenta (100%)
- Yellow (63%)
- Black (1%)




- Cyan (1%)
- Magenta (100%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YUV color 85.8360, 3.0389, 145.7258 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 85.8360, 3.0389, 145.7258 by changing the saturation by 10% instead.


 85.8360, 3.0389,
145.7258


 85.8360, 3.0389,
145.7258


255.0000, 0.0000,
0.0000

 73.3470, -2.1431,
127.7377


 149.9590, -3.9238,
92.1210


 61.2710, -7.0356,
110.2643


 171.1200, -1.5382,
73.5628


 49.4230, -11.0545,
92.5910


 192.3950, 1.2843,
54.9046

 37.0050, -17.2575,
75.4176

 213.7840, 4.5435,
36.1464

 27.9640, -11.8143,
56.1596

 234.7000, 8.5289,
17.8031

 18.2820, -7.5340,
36.5867

 253.2390, 0.8682,

 6.5780, -3.2430,

1.5444

13.5251

■ 0.0000, 0.0000,
0.0000

■ 85.8360, 3.0389,
145.7258

■ 102.3350, 2.7928,
131.2562

■ 118.8340, 2.5468,
116.7866

■ 135.9200, 2.0114,
101.8022

■ 152.4190, 1.7654,
87.3325

■ 168.9180, 1.5194,
72.8629

■ 185.4170, 1.2734,
58.3933

■ 201.9160, 1.0274,
43.9237

■ 219.0020, 0.4920,
28.9392

■ 235.5010, 0.2460,
14.4696

Harmonies

Analogous

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



102.2990, 30.9116, 119.0098



85.8360, 3.0389, 145.7258



112.6300, -48.6246, 102.9335

Triad

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



85.8360, 3.0389, 145.7258



88.0500, -43.4087, -77.2198



114.7720, 69.1324, -100.6550

Complementary

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



85.8360, 3.0389, 145.7258



166.1640, -3.0389, -145.7258

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.



118.1340, 56.6289, -103.6035



85.8360, 3.0389, 145.7258



101.8320, -5.8332, -89.3067

Square

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



85.8360, 3.0389, 145.7258



115.7010, -57.0406, 2.0162



111.7840, 27.2215, -98.0346



101.8580, 75.4990, -89.3295

Rectangle

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



85.8360, 3.0389, 145.7258



119.0870, -58.7099, 70.9607



111.7840, 27.2215, -98.0346



117.7070, 67.6854, -103.2290

Sweetspot

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



85.8360, 3.0389, 145.7258



204.8020, 0.5906, 44.0236



76.5680, 86.4880, 73.1699



97.5780, 0.2080, 26.6801



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.



85.8360, 3.0389, 145.7258



86.8470, 3.0334, 147.4702



95.3060, -46.9859, 137.4206



116.4570, 0.2677, 7.4922



64.3770, 2.2791, 109.2944



20.7470, 0.6177, 35.3019

Inverse Universe

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



85.8360, 3.0389, 145.7258



86.8470, 3.0334, 147.4702



156.6940, 46.9859, -137.4206



116.4570, 0.2677, 7.4922



64.3770, 2.2791, 109.2944



20.7470, 0.6177, 35.3019

Previews

White Background



This preview shows how the YUV color 85.8360, 3.0389, 145.7258 looks on a white background.

Color Contrast Check

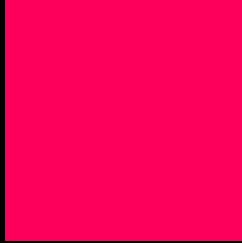
Large Text (above 18pt) WCAG AA ✓ Pass

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 85.8360, 3.0389, 145.7258 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 85.8360, 3.0389, 145.7258

Background



This preview shows how black text looks on a background with the YUV color 85.8360, 3.0389, 145.7258.



This preview shows how white text looks on a background with the YUV color 85.8360, 3.0389, 145.7258.

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

85.8360, 3.0389, 145.7258

Protanopia

129.3960, 2.7628, 0.5297

Deuteranopia

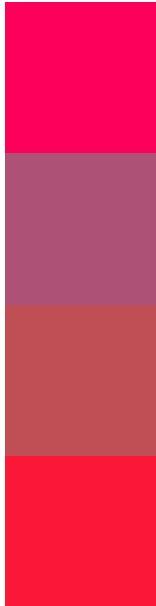
128.0790, -23.2099, 24.4867



Tritanopia

100.3450, -32.7081, 131.2474

Trichromacy



Original Color

85.8360, 3.0389, 145.7258

Protanomaly

113.1390, 2.8895, 53.3751

Deuteranomaly

112.5850, -13.5994, 68.7700

Tritanomaly

95.4070, -19.9207, 136.4551

Monochromacy



Original Color

85.8360, 3.0389, 145.7258

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.9710, 1.0003, 52.6454

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.8360, 3.0389, 145.7258 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(252, 0, 92)` looks like.

```
.text, #text, p{  
    color:rgb(252, 0, 92)  
}
```

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(252, 0, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 0, 92) }
```

Border

The CSS property to change the border of an element to YUV 85.8360, 3.0389, 145.7258 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(252, 0, 92) }
```


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

```
.border{ border-color:rgb(252, 0, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 0, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 0, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 0, 92);  
box-shadow:4px 4px 4px 4px rgb(252, 0, 92)  
}
```

Background

The CSS property to change the background color of an element to YUV 85.8360, 3.0389, 145.7258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 0, 92) }
```

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

```
.background{ background-color: rgb(252, 0,  
92) }
```

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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