

Converting Colors

YUV(87.7860, 5.5285, 140.5077)

Have a look what the booklet for
YUV(87.7860, 5.5285, 140.5077)
contains.

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Color

**YUV(87.7860, 5.5285,
140.5077)**

Conversions

Conversions Part 1

Format	Color
Hex	F80463
RGB	248, 4, 99
RGB Percent	97%, 2%, 39%
CMY	0.0275, 0.9843, 0.6118
CMYK	0.00, 0.98, 0.60, 0.03
HSL	337°, 97%, 49%
HSV	337°, 98%, 97%
XYZ	41.0069, 20.9441, 13.6857
YIQ	87.7860, 114.9290, 81.2730

Conversions

Conversions Part 2

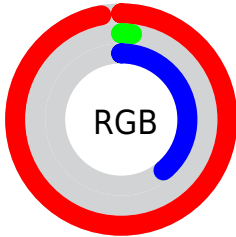
Format	Color
RYB	248, 4, 99
Decimal	16254051
CIELab	52.89, 80.88, 18.59
CIELCh	53, 82.989, 12.944
Yxy	20.9441, 0.5422, 0.2769
Android (android.graphics.Color)	4294444131 (0xFFFF80463)
YUV	87.7860, 5.5285, 140.5077
Hunter-Lab	45.7648, 79.8543, 14.3050

Details

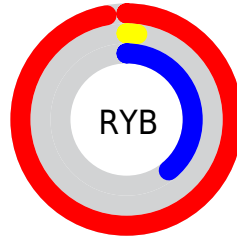
The YUV color **87.7860, 5.5285, 140.5077** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **164.2140, -5.5285, -140.5077**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.7570, -0.8662, 91.4211**, and **61.0580, -3.9726, 107.8201** is the 20% darker color. If you saturate the color by 10%, you get **85.2100, 5.8125, 142.7668**, and if you desaturate by 10%, it is **104.1710, 4.8457, 126.1380**.

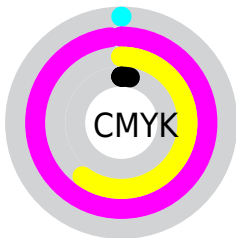
Distribution



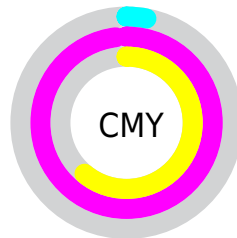
- Red (97%)
- Green (2%)
- Blue (39%)



- Red (97%)
- Yellow (2%)
- Blue (39%)



- Cyan (0%)
- Magenta (98%)
- Yellow (60%)
- Black (3%)



- Cyan (3%)
- Magenta (98%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.7860, 5.5285, 140.5077 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 87.7860, 5.5285, 140.5077 by changing the saturation by 10% instead.


 87.7860, 5.5285,
140.5077


 87.7860, 5.5285,
140.5077


255.0000, 0.0000,
0.0000

 73.1340, 0.9199,
125.2935


 150.7570, -0.8662,
91.4211


 61.0580, -3.9726,
107.8201


 172.0320, 1.9562,
72.7629

 49.2100, -7.9915,
90.1468

 193.3070, 4.7786,
54.1048

 37.1340, -12.8841,
72.6735

 214.1090, 8.3273,
35.8614

 27.0670, -11.3720,
54.3152

 235.0420, 9.8393,
17.5032

 17.5700, -7.6760,
35.4571

 252.6520, 1.1576,

 5.0830, -2.5059,

2.0592

10.4512

■ 0.0000, 0.0000,
0.0000

■ 87.7860, 5.5285,
140.5077

■ 87.7860, 5.5285,
140.5077

■ 85.2100, 5.8125,
142.7668

■ 104.1710, 4.8457,
126.1380

■ 120.5560, 4.1629,
111.7684

■ 136.3540, 3.7695,
97.9135

■ 152.8530, 3.5235,
83.4439

■ 169.2380, 2.8407,
69.0743

■ 185.6230, 2.1579,
54.7046

■ 202.0080, 1.4751,
40.3350

■ 217.8060, 1.0816,
26.4801

■ 234.1910, 0.3988,
12.1105

Harmonies

Analogous

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



108.6950, 30.2234, 106.3845



87.7860, 5.5285, 140.5077



111.8780, -41.3519, 103.5930

Triad

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



87.7860, 5.5285, 140.5077



92.2690, -45.4886, -63.3799



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.



87.7860, 5.5285, 140.5077



164.2140, -5.5285, -140.5077

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.



116.4070, 52.5503, -102.0889



87.7860, 5.5285, 140.5077



99.6320, -9.1856, -87.3773

Square

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



87.7860, 5.5285, 140.5077



115.4460, -56.9149, 8.3789



109.3560, 22.9955, -95.9052



102.4450, 75.2096, -89.8443

Rectangle

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



87.7860, 5.5285, 140.5077



117.0490, -57.7052, 75.3790



109.3560, 22.9955, -95.9052



117.0060, 67.5380, -102.6143

Sweetspot

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



87.7860, 5.5285, 140.5077



205.0300, 1.4642, 43.8237



75.4700, 85.0573, 65.3628



97.6920, 0.6448, 26.5801



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.



87.7860, 5.5285, 140.5077



87.5310, 5.6542, 146.8703



91.0440, -42.9127, 137.6504



116.4570, 0.2677, 7.4922



64.8330, 4.0263, 108.8945



20.9750, 1.4913, 35.1019

Inverse Universe

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



87.7860, 5.5285, 140.5077



87.5310, 5.6542, 146.8703



160.9560, 42.9127, -137.6504



116.4570, 0.2677, 7.4922



64.8330, 4.0263, 108.8945



20.9750, 1.4913, 35.1019

Previews

White Background



This preview shows how the YUV color 87.7860, 5.5285, 140.5077 looks on a white background.

Color Contrast Check

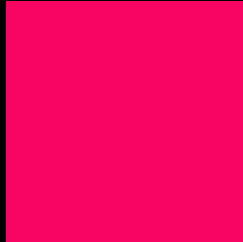
Large Text (above 18pt) WCAG AA ✓ Pass

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 87.7860, 5.5285, 140.5077 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 87.7860, 5.5285, 140.5077

Background



This preview shows how black text looks on a background with the YUV color 87.7860, 5.5285, 140.5077.

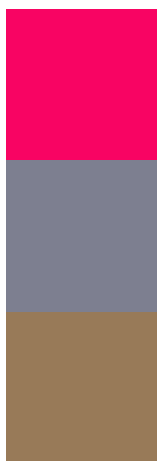


This preview shows how white text looks on a background with the YUV color 87.7860, 5.5285,

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

87.7860, 5.5285, 140.5077

Protanopia

128.3400, 7.7204, -2.9292

Deuteranopia

127.0940, -19.2733, 21.8426



Tritanopia

101.3660, -31.2394, 126.8440

Trichromacy



Original Color

87.7860, 5.5285, 140.5077



Protanomaly

113.5560, 7.1209, 49.5014



Deuteranomaly

112.7740, -10.2416, 65.0962



Tritanomaly

96.5420, -18.0152, 131.9517

Monochromacy



Original Color

87.7860, 5.5285, 140.5077



Achromatopsia

88.0000, 0.0000, 0.0000



Achromatomaly

87.6010, 2.1687, 51.2159

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.7860, 5.5285, 140.5077 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(248, 4, 99)` looks like.

```
.text, #text, p{  
    color:rgb(248, 4, 99)  
}
```

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(248, 4, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 4, 99) }
```

Border

The CSS property to change the border of an element to YUV 87.7860, 5.5285, 140.5077 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(248, 4, 99) }
```


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

```
.border{ border-color:rgb(248, 4, 99) }
```

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

Here you see how a box with a 4 pixel rgb(248, 4, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 4, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 4, 99);  
box-shadow:4px 4px 4px 4px rgb(248, 4, 99)  
}
```

Background

The CSS property to change the background color of an element to YUV 87.7860, 5.5285, 140.5077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 4, 99) }
```

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

```
.background{ background-color: rgb(248, 4,  
99) }
```

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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