

Converting Colors

YUV(86.7330, 2.5966, 147.5702)

Have a look what the booklet for
YUV(86.7330, 2.5966, 147.5702)
contains.

YUV(86.7330, 2.5966, 147.5702)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

**YUV(86.7330, 2.5966,
147.5702)**

Conversions

Conversions Part 1

Format	Color
Hex	FF005C
RGB	255, 0, 92
RGB Percent	100%, 0%, 36%
CMY	0.0000, 1.0000, 0.6392
CMYK	0.00, 1.00, 0.64, 0.00
HSL	338°, 100%, 50%
HSV	338°, 100%, 100%
XYZ	43.1718, 22.0327, 12.1025
YIQ	86.7330, 122.4480, 82.6720

Conversions

Conversions Part 2

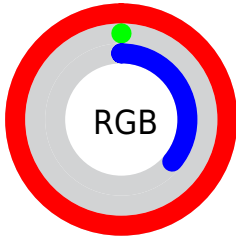
Format	Color
RYB	255, 0, 92
Decimal	16711772
CIELab	54.06, 82.36, 24.63
CIELCh	54, 85.963, 16.653
Yxy	22.0327, 0.5584, 0.2850
Android (android.graphics.Color)	4294901852 (0xFFFF005C)
YUV	86.7330, 2.5966, 147.5702
Hunter-Lab	46.9390, 82.0306, 17.5702

Details

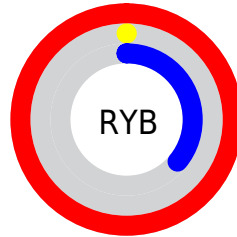
The YUV color **86.7330, 2.5966, 147.5702** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated red. A complement of this color would be **168.2670, -2.5966, -147.5702**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.9590, -3.9238, 92.1210**, and **62.1680, -7.4778, 112.1087** is the 20% darker color. If you saturate the color by 10%, you get **86.7330, 2.5966, 147.5702**, and if you desaturate by 10%, it is **103.2320, 2.3506, 133.1005**.

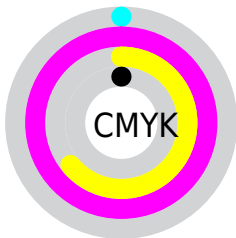
Distribution



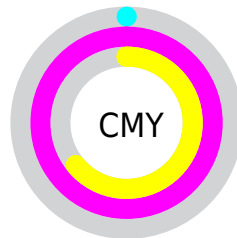
- Red (100%)
- Green (0%)
- Blue (36%)



- Red (100%)
- Yellow (0%)
- Blue (36%)



- Cyan (0%)
- Magenta (100%)
- Yellow (64%)
- Black (0%)




- Cyan (0%)
- Magenta (100%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the YUV color 86.7330, 2.5966, 147.5702 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 86.7330, 2.5966, 147.5702 by changing the saturation by 10% instead.


 86.7330, 2.5966,
147.5702


 86.7330, 2.5966,
147.5702


255.0000, 0.0000,
0.0000


 74.2440, -2.5853,
129.5820


 149.9590, -3.9238,
92.1210


 62.1680, -7.4778,
112.1087


 171.7070, -1.8276,
73.0480

 50.0210, -11.3494,
93.8206


 192.9820, 0.9949,
54.3898

 37.9020, -17.6997,
77.2619

 213.7840, 4.5435,
36.1464

 28.5620, -12.1091,
57.3891

 235.2870, 8.2395,
17.2883

 19.1790, -7.9762,
38.4310

253.8260, 0.5788,

 8.1870, -3.5432,

1.0296

16.4990

■ 0.0000, 0.0000,
0.0000

■ 86.7330, 2.5966,
147.5702

■ 103.2320, 2.3506,
133.1005

■ 120.4320, 2.2520,
118.0161

■ 137.5180, 1.7166,
103.0317

■ 154.0170, 1.4706,
88.5621

■ 171.1030, 0.9352,
73.5777

■ 187.7160, 1.1260,
59.0081

■ 204.8020, 0.5906,
44.0236

■ 221.3010, 0.3446,
29.5540

■ 238.5010, 0.2460,
14.4696

Harmonies

Analogous

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



102.4350, 31.3375, 122.3985



86.7330, 2.5966, 147.5702



114.0600, -50.8086, 103.4334

Triad

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



86.7330, 2.5966, 147.5702



89.2240, -43.9874, -78.2494



115.9460, 68.5536, -101.6846

Complementary

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



86.7330, 2.5966, 147.5702



168.2670, -2.5966, -147.5702

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.



119.7640, 57.7973, -105.0330



86.7330, 2.5966, 147.5702



103.2340, -5.5384, -90.5362

Square

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



86.7330, 2.5966, 147.5702



117.1740, -57.7668, 1.6014



113.3000, 27.9531, -99.3641



102.4450, 75.2096, -89.8443

Rectangle

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



86.7330, 2.5966, 147.5702



120.2720, -59.2941, 71.6755



113.3000, 27.9531, -99.3641



118.8810, 67.1067, -104.2586

Sweetspot

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



86.7330, 2.5966, 147.5702



204.8020, 0.5906, 44.0236



77.5080, 87.5036, 74.0995



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.



86.7330, 2.5966, 147.5702



96.2030, -47.4281, 139.2650



119.3430, -0.1691, 7.5922



64.9750, 1.9843, 110.5239



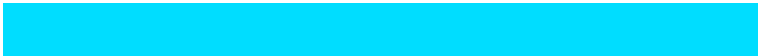
21.7580, 0.6123, 37.0462

Inverse Universe

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



86.7330, 2.5966, 147.5702



158.7970, 47.4281, -139.2650



119.3430, -0.1691, 7.5922



64.9750, 1.9843, 110.5239



21.7580, 0.6123, 37.0462

Previews

White Background



This preview shows how the YUV color 86.7330, 2.5966, 147.5702 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 86.7330, 2.5966, 147.5702 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 86.7330, 2.5966, 147.5702

Background



This preview shows how black text looks on a background with the YUV color 86.7330, 2.5966, 147.5702.



This preview shows how white text looks on a background with the YUV color 86.7330, 2.5966,

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

86.7330, 2.5966, 147.5702

Protanopia

131.1680, 1.8892, 0.7297

Deuteranopia

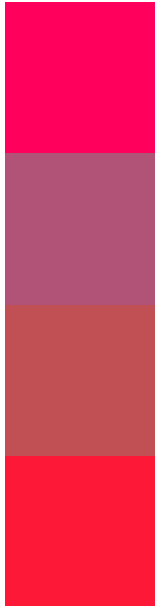
129.8510, -24.0835, 24.6867



Tritanopia

101.2420, -33.1503, 133.0918

Trichromacy



Original Color

86.7330, 2.5966, 147.5702

Protanomaly

115.2100, 1.8685, 54.1898

Deuteranomaly

114.3570, -14.4730, 68.9699

Tritanomaly

96.3040, -20.3629, 138.2994

Monochromacy



Original Color

86.7330, 2.5966, 147.5702

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.6830, 1.1423, 53.7750

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.7330, 2.5966, 147.5702 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(255, 0, 92)` looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 0, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 0, 92) }
```

Border

The CSS property to change the border of an element to YUV 86.7330, 2.5966, 147.5702 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(255, 0, 92) }
```

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

```
.border{ border-color:rgb(255, 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(255, 0, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 0, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 0, 92);  
box-shadow:4px 4px 4px 4px rgb(255, 0, 92)  
}
```

Background

The CSS property to change the background color of an element to YUV 86.7330, 2.5966, 147.5702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 0, 92) }
```

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

```
.background{ background-color: rgb(255, 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](#).

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