

# Converting Colors

YUV(88.7220, 2.6021, 145.8258)

Have a look what the booklet for  
YUV(88.7220, 2.6021, 145.8258)  
contains.

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# Color

**YUV(88.7220, 2.6021,  
145.8258)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF035E
RGB	255, 3, 94
RGB Percent	100%, 1%, 37%
CMY	0.0000, 0.9882, 0.6314
CMYK	0.00, 0.99, 0.63, 0.00
HSL	338°, 100%, 51%
HSV	338°, 99%, 100%
XYZ	43.2929, 22.1333, 12.5800
YIQ	88.7220, 120.9810, 81.7250

# Conversions

## Conversions Part 2

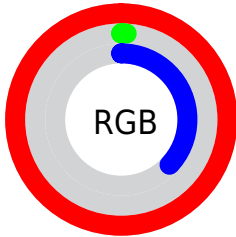
<b>Format</b>	<b>Color</b>
<b>RYB</b>	255, 3, 94
Decimal	16712542
CIELab	54.17, 82.26, 23.57
CIElCh	54, 85.568, 15.989
Yxy	22.1333, 0.5550, 0.2837
Android (android.graphics.Color)	4294902622 (0xFFFF035E)
YUV	88.7220, 2.6021, 145.8258
Hunter-Lab	47.0460, 81.9297, 17.0782

# Details

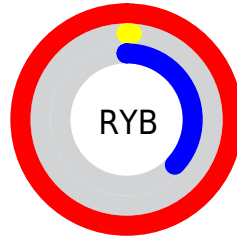
The YUV color **88.7220, 2.6021, 145.8258** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated red. A complement of this color would be **169.2780, -2.6021, -145.8258**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.7740, -3.3396, 91.4062**, and **62.3960, -6.6042, 111.9087** 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 **105.2210, 2.3560, 131.3562**.

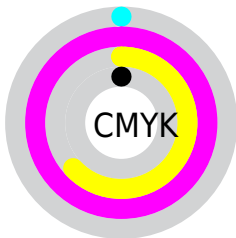
# Distribution



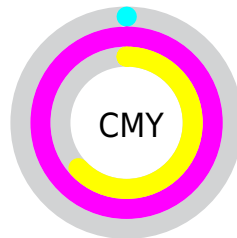
- Red (100%)
- Green (1%)
- Blue (37%)



- Red (100%)
- Yellow (1%)
- Blue (37%)



- Cyan (0%)
- Magenta (99%)
- Yellow (63%)
- Black (0%)



- Cyan (0%)
- Magenta (99%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 88.7220, 2.6021, 145.8258 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 88.7220, 2.6021, 145.8258 by changing the saturation by 10% instead.




 88.7220, 2.6021,  
145.8258


 88.7220, 2.6021,  
145.8258


255.0000, 0.0000,  
0.0000

 74.4720, -1.7117,  
129.3821


 150.7740, -3.3396,  
91.4062


 62.3960, -6.6042,  
111.9087


 172.5220, -1.2433,  
72.3332


 50.5480, -10.6232,  
94.2354


 193.7970, 1.5791,  
53.6750

 38.1300, -16.8261,  
77.0620

 214.5990, 5.1277,  
35.4317

 28.5620, -12.1091,  
57.3891

 236.1020, 8.8237,  
16.5735

 19.1790, -7.9762,  
38.4310

253.8260, 0.5788,

 8.1870, -3.5432,

1.0296

16.4990

■ 0.0000, 0.0000,  
0.0000

■ 88.7220, 2.6021,  
145.8258

■ 88.7220, 2.6021,  
145.8258

■ 86.7330, 2.5966,  
147.5702

■ 105.2210, 2.3560,  
131.3562

■ 122.4210, 2.2574,  
116.2718

■ 139.5070, 1.7220,  
101.2874

■ 156.0060, 1.4760,  
86.8177

■ 173.0920, 0.9406,  
71.8333

■ 189.7050, 1.1314,  
57.2637

■ 206.2040, 0.8854,  
42.7941

■ 223.2900, 0.3500,  
27.8097

■ 240.4900, 0.2514,  
12.7253

# Harmonies

## Analogous

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



105.1850, 30.4748, 119.1098



88.7220, 2.6021, 145.8258



114.3420, -48.4826, 104.0631

# Triad

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



88.7220, 2.6021, 145.8258



89.2240, -43.9874, -78.2494



116.5330, 68.2642, -102.1994

# Complementary

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



88.7220, 2.6021, 145.8258



169.2780, -2.6021, -145.8258

# 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.



119.6500, 57.3606, -104.9330



88.7220, 2.6021, 145.8258



103.1200, -5.9752, -90.4362

# Square

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



88.7220, 2.6021, 145.8258



117.1850, -57.7722, 3.3458



113.0720, 27.0795, -99.1641



103.0320, 74.9202, -90.3591



# Rectangle

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



88.7220, 2.6021, 145.8258



120.5710, -59.4415, 72.2902



113.0720, 27.0795, -99.1641



118.8810, 67.1067, -104.2586

# Sweetspot

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



88.7220, 2.6021, 145.8258



204.8020, 0.5906, 44.0236



79.5680, 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.



88.7220, 2.6021, 145.8258



86.7330, 2.5966, 147.5702



98.3060, -46.9859, 137.4206



119.3430, -0.1691, 7.5922



64.9750, 1.9843, 110.5239



21.7580, 0.6123, 37.0462



# Inverse Universe

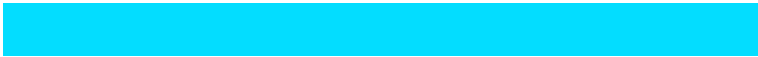
The Inverse Universe completely reimagines the original color for something new.



88.7220, 2.6021, 145.8258



86.7330, 2.5966, 147.5702



159.6940, 46.9859, -137.4206



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 88.7220, 2.6021, 145.8258 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

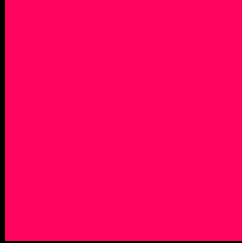
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 88.7220, 2.6021, 145.8258 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 88.7220, 2.6021, 145.8258

## Background



This preview shows how black text looks on a background with the YUV color 88.7220, 2.6021, 145.8258.



This preview shows how white text looks on a background with the YUV color 88.7220, 2.6021, 145.8258.



# 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

88.7220, 2.6021, 145.8258

### Protanopia

131.2110, 3.3470, -0.1850

### Deuteranopia

130.0790, -23.2099, 24.4867



## Tritanopia

101.9430, -33.0029, 132.4770

# Trichromacy



## Original Color

88.7220, 2.6021, 145.8258



## Protanomaly

115.8400, 3.0369, 52.7603



## Deuteranomaly

115.1720, -13.8888, 68.2552



## Tritanomaly

97.0050, -20.2155, 137.6846

# Monochromacy



## Original Color

88.7220, 2.6021, 145.8258



## Achromatopsia

89.0000, 0.0000, 0.0000



## Achromatomaly

88.9710, 1.0003, 52.6454

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 88.7220, 2.6021, 145.8258 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, 3, 94)` looks like.

```
.text, #text, p{  
    color:rgb(255, 3, 94)  
}
```

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, 3, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 3, 94) }
```

## Border

The CSS property to change the border of an element to YUV 88.7220, 2.6021, 145.8258 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, 3, 94) }
```



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

```
.border{ border-color:rgb(255, 3, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 3, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 3, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 3, 94);  
box-shadow:4px 4px 4px 4px rgb(255, 3, 94)  
}
```

# Background

The CSS property to change the background color of an element to YUV 88.7220, 2.6021, 145.8258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 3, 94) }
```

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

```
.background{ background-color: rgb(255, 3,  
94) }
```

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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