

# Converting Colors

YUV(134.8040, 24.7466,  
89.6259)

Have a look what the booklet for  
YUV(134.8040, 24.7466, 89.6259)  
contains.

<b>YUV(134.8040, 24.7466, 89.6259)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(134.8040, 24.7466,  
89.6259)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ED49B9
RGB	237, 73, 185
RGB Percent	93%, 29%, 73%
CMY	0.0706, 0.7137, 0.2745
CMYK	0.00, 0.69, 0.22, 0.07
HSL	319°, 82%, 61%
HSV	319°, 69%, 93%
XYZ	46.0646, 26.2724, 48.5421
YIQ	134.8040, 61.7920, 69.6000

# Conversions

## Conversions Part 2

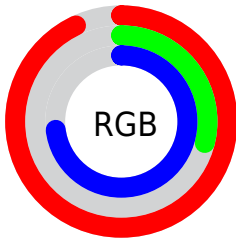
Format	Color
R <sub>Y</sub> B	237, 73, 185
Decimal	15550905
CIE Lab	58.29, 72.51, -24.69
CIE LCh	58, 76.600, 341.195
Yxy	26.2724, 0.3811, 0.2173
Android (android.graphics.Color)	4293740985 (0xFFED49B9)
YUV	134.8040, 24.7466, 89.6259
Hunter-Lab	51.2566, 70.7197, -20.2705

# Details

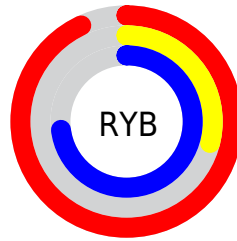
The YUV color **134.8040, 24.7466, 89.6259** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **175.1960, -24.7466, -89.6259**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.7900, 29.1905, 64.2052**, and **67.9710, 31.5663, 95.6184** is the 20% darker color. If you saturate the color by 10%, you get **119.8040, 28.1976, 102.7809**, and if you desaturate by 10%, it is **149.8040, 21.2956, 76.4709**.

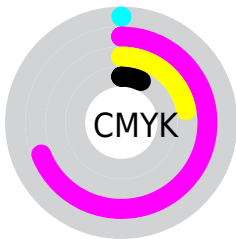
# Distribution



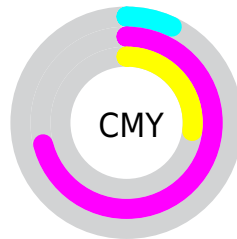
- Red (93%)
- Green (29%)
- Blue (73%)



- Red (93%)
- Yellow (29%)
- Blue (73%)



- Cyan (0%)
- Magenta (69%)
- Yellow (22%)
- Black (7%)




- Cyan (7%)
- Magenta (71%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 134.8040, 24.7466, 89.6259 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 134.8040, 24.7466, 89.6259 by changing the saturation by 10% instead.





 134.8040, 24.7466,  
89.6259


 134.8040, 24.7466,  
89.6259


255.0000, 0.0000,  
0.0000


 101.6240, 27.7934,  
92.4148


 181.7900, 29.1905,  
64.2052


 67.9710, 31.5663,  
95.6184


 200.4090, 26.9134,  
47.8763

 56.3360, 24.4844,  
80.3893

 218.0190, 18.2316,  
32.4323

 44.9290, 18.2760,  
64.9603

 235.6290, 9.5499,  
16.9884

 33.5220, 12.0677,  
49.5312

 253.2390, 0.8682,  
1.5444

 23.3540, 6.7275,  
35.6465

 11.5340, 0.2297,

19.7027

■ 0.0000, 0.0000,  
0.0000

■ 134.8040, 24.7466,  
89.6259

■ 134.8040, 24.7466,  
89.6259

■ 119.8040, 28.1976,  
102.7809

■ 149.8040, 21.2956,  
76.4709

■ 105.5050, 31.7960,  
115.3211

■ 164.1030, 17.6972,  
63.9307

■ 90.5050, 35.2470,  
128.4761

■ 179.1030, 14.2462,  
50.7757

■ 89.3310, 35.8258,  
129.5057

■ 193.9890, 10.3584,  
37.7206

■ 208.9890, 6.9074,  
24.5656

■ 223.2880, 3.3090,  
12.0254

■ 238.2880, -0.1420,  
-1.1296

■ 248.4780, -1.7147,  
-10.0662

■ 249.3900, 1.7797,  
-10.8660

# Harmonies

## Analogous

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



143.2980, 48.6601, 26.0487



134.8040, 24.7466, 89.6259



124.9170, -3.4101, 114.0828

# Triad

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



134.8040, 24.7466, 89.6259



128.7690, -63.4831, 15.1116



124.6080, 50.9723, -109.2812

# Complementary

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



134.8040, 24.7466, 89.6259



175.1960, -24.7466, -89.6259

# 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.



118.4860, 22.4384, -103.9122



134.8040, 24.7466, 89.6259



115.7770, -49.1901, -42.7774

# Square

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



134.8040, 24.7466, 89.6259



131.7240, -64.9399, 62.5091



108.7450, -7.2693, -95.3694



122.4030, 65.3703, -107.3474



# Rectangle

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



134.8040, 24.7466, 89.6259



128.7980, -26.5224, 107.1712



108.7450, -7.2693, -95.3694



122.9150, 41.9469, -107.7965

# Sweetspot

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



134.8040, 24.7466, 89.6259



221.3640, 8.2015, 29.4988



107.2440, 63.9697, 15.5720



107.9620, 4.4557, 17.5733



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.



134.8040, 24.7466, 89.6259



122.9180, 32.0854, 115.8359



125.4560, -11.0708, 97.8241



110.2010, 1.8729, 5.9627



68.2550, 27.4823, 98.8774



20.3640, 8.2015, 29.4988



# Inverse Universe

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



134.8040, 24.7466, 89.6259



122.9180, 32.0854, 115.8359



184.5440, 11.0708, -97.8241



110.2010, 1.8729, 5.9627



68.2550, 27.4823, 98.8774



20.3640, 8.2015, 29.4988



# Previews

## White Background



This preview shows how the YUV color 134.8040, 24.7466, 89.6259 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 134.8040, 24.7466, 89.6259 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

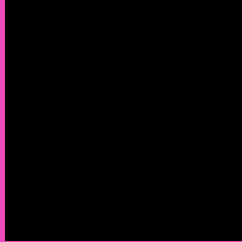
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 134.8040, 24.7466, 89.6259

## Background



This preview shows how black text looks on a background with the YUV color 134.8040, 24.7466, 89.6259.



This preview shows how white text looks on a background with the YUV color 134.8040, 24.7466, 89.6259.



# 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

134.8040, 24.7466, 89.6259

### Protanopia

137.1090, 48.2603, -32.5446

### Deuteranopia

141.7340, 16.8931, -5.0287



## Tritanopia

136.8640, -16.6950, 81.6803

# Trichromacy



## Original Color

134.8040, 24.7466, 89.6259



## Protanomaly

136.5060, 39.6835, 11.8342



## Deuteranomaly

139.0510, 19.6949, 29.7733



## Tritanomaly

136.4850, -1.7181, 84.6437

# Monochromacy



## Original Color

134.8040, 24.7466, 89.6259



## Achromatopsia

135.0000, 0.0000, 0.0000



## Achromatomaly

134.6140, 9.0643, 32.7875

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 134.8040, 24.7466, 89.6259 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(237, 73, 185)` looks like.

```
.text, #text, p{  
    color:rgb(237, 73, 185)  
}
```

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(237, 73, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 73, 185) }
```

## Border

The CSS property to change the border of an element to YUV 134.8040, 24.7466, 89.6259 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(237, 73, 185) }
```



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

```
.border{ border-color:rgb(237, 73, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 73, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 73, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 73, 185);  
box-shadow:4px 4px 4px 4px rgb(237, 73,  
185) }
```

# Background

The CSS property to change the background color of an element to YUV 134.8040, 24.7466, 89.6259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 73, 185) }
```

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

```
.background{ background-color: rgb(237, 73,  
185) }
```

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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