

Converting Colors

YUV(98.6740, -4.7693,
130.0819)

Have a look what the booklet for
YUV(98.6740, -4.7693, 130.0819)
contains.

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Color

**YUV(98.6740, -4.7693,
130.0819)**

Conversions

Conversions Part 1

Format	Color
Hex	F71959
RGB	247, 25, 89
RGB Percent	97%, 10%, 35%
CMY	0.0314, 0.9020, 0.6510
CMYK	0.00, 0.90, 0.64, 0.03
HSL	343°, 93%, 53%
HSV	343°, 90%, 97%
XYZ	40.5086, 21.1907, 11.4064
YIQ	98.6740, 111.7680, 66.9680

Conversions

Conversions Part 2

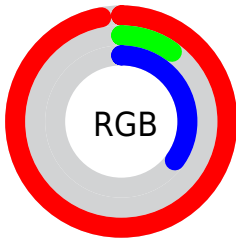
Format	Color
R_{YB}	247, 25, 89
Decimal	16193881
CIE Lab	53.16, 78.18, 24.96
CIE LCh	53, 82.069, 17.703
Yxy	21.1907, 0.5541, 0.2899
Android (android.graphics.Color)	4294383961 (0xFFFF71959)
YUV	98.6740, -4.7693, 130.0819
Hunter-Lab	46.0333, 76.5187, 17.5322

Details

The YUV color **98.6740, -4.7693, 130.0819** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **173.3260, 4.7693, -130.0819**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.5520, -6.6811, 89.8469**, and **59.4340, -7.6090, 107.4904** is the 20% darker color. If you saturate the color by 10%, you get **81.9470, -5.3969, 144.7515**, and if you desaturate by 10%, it is **115.4010, -4.1417, 115.4123**.

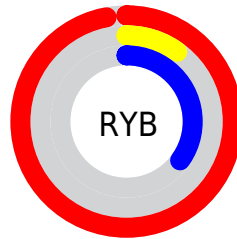
Distribution



Red (97%)

Green (10%)

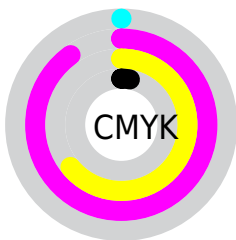
Blue (35%)



Red (97%)

Yellow (10%)

Blue (35%)

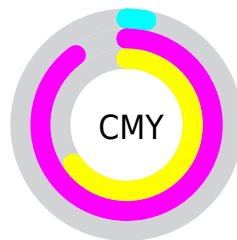


Cyan (0%)

Magenta (90%)

Yellow (64%)

Black (3%)



Cyan (3%)


Magenta (90%)


Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.6740, -4.7693, 130.0819 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 98.6740, -4.7693, 130.0819 by changing the saturation by 10% instead.


 98.6740, -4.7693,
130.0819


 98.6740, -4.7693,
130.0819


255.0000, 0.0000,
0.0000


 71.8090, -2.8638,
125.5785


 152.5520, -6.6811,
89.8469


 59.4340, -7.6090,
107.4904


 173.7130, -4.2955,
71.2887

 47.7000, -11.1911,
89.7171


 194.4010, -1.1837,
53.1453

 35.6950, -17.1046,
73.0585

 215.2030, 2.3649,
34.9020

 26.6540, -11.6614,
53.8004

 236.0050, 5.9135,
16.6586

 16.9720, -7.3812,
34.2276

 4.1860, -2.0637,

8.6069

■ 0.0000, 0.0000,
0.0000

■ 98.6740, -4.7693,
130.0819

■ 98.6740, -4.7693,
130.0819

■ 81.9470, -5.3969,
144.7515

■ 115.4010, -4.1417,
115.4123

■ 131.4270, -3.6615,
101.3575

■ 148.1540, -3.0339,
86.6879

■ 164.7670, -2.8431,
72.1183

■ 180.9070, -1.9262,
57.9636

■ 197.5200, -1.7354,
43.3940

■ 214.2470, -1.1078,
28.7244

■ 230.9740, -0.4802,
14.0548

■ 247.0000, 0.0000,
0.0000

Harmonies

Analogous

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



106.0010, 26.1285, 113.1321



98.6740, -4.7693, 130.0819



113.7710, -49.1871, 96.6708

Triad

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



98.6740, -4.7693, 130.0819



87.5770, -42.6825, -76.8050



113.5980, 69.7112, -99.6254

Complementary

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



98.6740, -4.7693, 130.0819



173.3260, 4.7693, -130.0819

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.



116.7320, 56.3341, -102.3740



98.6740, -4.7693, 130.0819



101.7010, -3.7966, -89.1918

Square

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



98.6740, -4.7693, 130.0819



114.2170, -56.3090, 0.6867



111.3110, 27.9477, -97.6197



100.0970, 76.3672, -87.7851

Rectangle

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



98.6740, -4.7693, 130.0819



118.7660, -58.5516, 66.8572



111.3110, 27.9477, -97.6197



116.5330, 68.2642, -102.1994

Sweetspot

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



98.6740, -4.7693, 130.0819



208.9110, -1.4351, 40.4201



96.6530, 74.1211, 73.0953



100.5130, -1.2389, 24.1061



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.



98.6740, -4.7693, 130.0819



84.6810, -5.2657, 149.3698



117.2060, -45.4576, 113.8293



114.0440, -0.0217, 6.9774



61.7700, -3.8306, 108.9497



19.5790, -1.2714, 34.5722

Inverse Universe

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



98.6740, -4.7693, 130.0819



84.6810, -5.2657, 149.3698



154.7940, 45.4576, -113.8293



114.0440, -0.0217, 6.9774



61.7700, -3.8306, 108.9497



19.5790, -1.2714, 34.5722

Previews

White Background



This preview shows how the YUV color 98.6740, -4.7693, 130.0819 looks on a white background.

Color Contrast Check

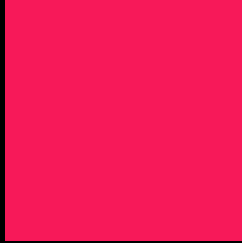
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.6740, -4.7693, 130.0819 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 98.6740, -4.7693, 130.0819

Background



This preview shows how black text looks on a background with the YUV color 98.6740, -4.7693, 130.0819.



This preview shows how white text looks on a background with the YUV color 98.6740, -4.7693,

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

98.6740, -4.7693, 130.0819

Protanopia

128.1250, 0.4314, 1.6444

Deuteranopia

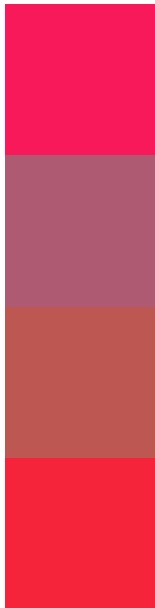
126.5520, -23.9361, 24.0719



Tritanopia

102.4690, -30.7972, 124.9997

Trichromacy



Original Color

98.6740, -4.7693, 130.0819

Protanomaly

117.5530, -1.7516, 48.6270

Deuteranomaly

116.6290, -17.0721, 62.5924

Tritanomaly

101.2980, -21.3459, 126.9037

Monochromacy



Original Color

98.6740, -4.7693, 130.0819

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.8410, -1.8936, 47.4974

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.6740, -4.7693, 130.0819 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(247, 25, 89)` looks like.

```
.text, #text, p{  
    color:rgb(247, 25, 89)  
}
```

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(247, 25, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 25, 89) }
```

Border

The CSS property to change the border of an element to YUV 98.6740, -4.7693, 130.0819 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(247, 25, 89) }
```


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

```
.border{ border-color:rgb(247, 25, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 25, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 25, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 25, 89);  
box-shadow:4px 4px 4px 4px rgb(247, 25,  
89) }
```

Background

The CSS property to change the background color of an element to YUV 98.6740, -4.7693, 130.0819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 25, 89) }
```

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

```
.background{ background-color: rgb(247, 25,  
89) }
```

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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