

Converting Colors

YUV(98.5360, 1.2148, 124.0639)

Have a look what the booklet for
YUV(98.5360, 1.2148, 124.0639)
contains.

YUV(98.5360, 1.2148, 124.0639)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(98.5360, 1.2148,
124.0639)**

Conversions

Conversions Part 1

Format	Color
Hex	F01A65
RGB	240, 26, 101
RGB Percent	94%, 10%, 40%
CMY	0.0588, 0.8980, 0.6039
CMYK	0.00, 0.89, 0.58, 0.06
HSL	339°, 88%, 52%
HSV	339°, 89%, 94%
XYZ	38.6535, 20.2036, 14.1743
YIQ	98.5360, 103.4690, 68.6930

Conversions

Conversions Part 2

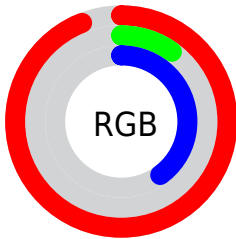
Format	Color
R_{YB}	240, 26, 101
Decimal	15735397
CIE _{Lab}	52.07, 77.05, 15.99
CIE _{LCh}	52, 78.694, 11.727
Yxy	20.2036, 0.5293, 0.2766
Android (android.graphics.Color)	4293925477 (0xFFFF01A65)
YUV	98.5360, 1.2148, 124.0639
Hunter-Lab	44.9485, 74.8417, 12.7670

Details

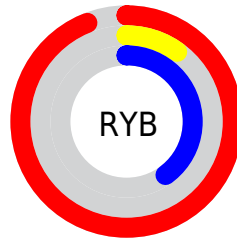
The YUV color **98.5360, 1.2148, 124.0639** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed rose. A complement of this color would be **167.4640, -1.2148, -124.0639**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.3330, -1.1502, 89.1620**, and **58.8940, -1.9197, 102.7020** is the 20% darker color. If you saturate the color by 10%, you get **82.6240, 1.1714, 138.0188**, and if you desaturate by 10%, it is **114.4480, 1.2581, 110.1091**.

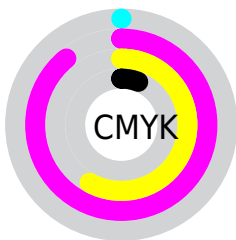
Distribution



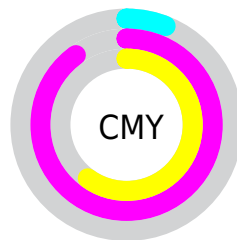
- Red (94%)
- Green (10%)
- Blue (40%)



- Red (94%)
- Yellow (10%)
- Blue (40%)



- Cyan (0%)
- Magenta (89%)
- Yellow (58%)
- Black (6%)



- Cyan (6%)
- Magenta (90%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.5360, 1.2148, 124.0639 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 98.5360, 1.2148, 124.0639 by changing the saturation by 10% instead.

■ 98.5360, 1.2148,
124.0639

■ 98.5360, 1.2148,
124.0639

255.0000, 0.0000,
0.0000

■ 70.9700, 2.9728,
120.1753

■ 153.3330, -1.1502,
89.1620

■ 58.8940, -1.9197,
102.7020

■ 174.6080, 1.6723,
70.5038

■ 47.2310, -6.5229,
85.7434

■ 195.2960, 4.7841,
52.3604

■ 35.5680, -11.1260,
68.7849

■ 216.2120, 8.7695,
34.0171

■ 25.5720, -10.6350,
51.2414

■ 236.2160, 9.2605,
16.4736

■ 15.7760, -6.7916,
31.7684

254.4130, 0.2894,

■ 0.0000, 0.0000,

0.5148

0.0000

■ 98.5360, 1.2148,
124.0639

■ 98.5360, 1.2148,
124.0639

■ 82.6240, 1.1714,
138.0188

■ 114.4480, 1.2581,
110.1091

■ 81.3360, 1.3134,
139.1483


■ 130.2460, 0.8647,
96.2543

■ 146.1580, 0.9081,
82.2994

■ 161.9560, 0.5147,
68.4446

■ 177.8680, 0.5581,
54.4898

■ 193.7800, 0.6015,
40.5349

 209.5780, 0.2080,
26.6801

 225.4900, 0.2514,
12.7253

 241.2880, -0.1420,
-1.1296

Harmonies

Analogous

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



112.2330, 27.4931, 95.3887



98.5360, 1.2148, 124.0639



111.4690, -37.6992, 98.6897

Triad

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



98.5360, 1.2148, 124.0639



96.1890, -47.4212, -50.1548



112.7830, 69.1270, -98.9107

Complementary

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



98.5360, 1.2148, 124.0639



167.4640, -1.2148, -124.0639

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.



112.9190, 49.3399, -99.0300



98.5360, 1.2148, 124.0639



97.0560, -8.9016, -85.1181

Square

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



98.5360, 1.2148, 124.0639



114.2830, -56.3415, 11.1528



106.9110, 21.2429, -93.7609



101.8580, 75.4990, -89.3295

Rectangle

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



98.5360, 1.2148, 124.0639



115.2660, -56.8261, 73.4347



106.9110, 21.2429, -93.7609



114.1050, 64.0382, -100.0701

Sweetspot

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



98.5360, 1.2148, 124.0639



209.3670, 0.3121, 40.0201



91.0600, 73.4274, 62.2144



100.8550, 0.0715, 23.8062



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.



98.5360, 1.2148, 124.0639



86.3910, 1.2862, 147.8701



107.0090, -39.9374, 116.6331



112.0440, -0.0217, 6.9774



62.3120, 0.8322, 106.7204



19.0240, 0.4812, 32.4280

Inverse Universe

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



98.5360, 1.2148, 124.0639



86.3910, 1.2862, 147.8701



158.9910, 39.9374, -116.6331



112.0440, -0.0217, 6.9774



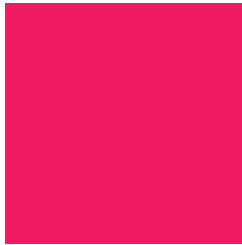
62.3120, 0.8322, 106.7204



19.0240, 0.4812, 32.4280

Previews

White Background



This preview shows how the YUV color 98.5360, 1.2148, 124.0639 looks on a white background.

Color Contrast Check

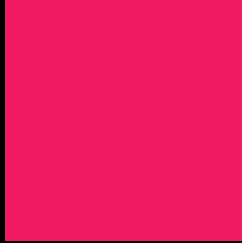
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.5360, 1.2148, 124.0639 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 98.5360, 1.2148, 124.0639

Background



This preview shows how black text looks on a background with the YUV color 98.5360, 1.2148, 124.0639.



This preview shows how white text looks on a background with the YUV color 98.5360, 1.2148,

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

98.5360, 1.2148, 124.0639

Protanopia

125.4970, 9.6150, -3.9439

Deuteranopia

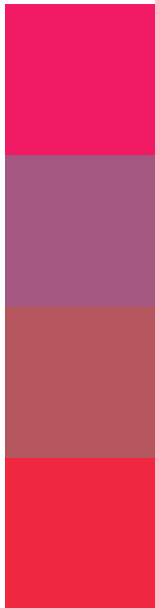
125.0660, -16.7945, 20.1131



Tritanopia

103.2940, -28.7389, 118.1372

Trichromacy



Original Color

98.5360, 1.2148, 124.0639

Protanomaly

115.3980, 6.7058, 42.6240

Deuteranomaly

115.4310, -10.0725, 57.5040

Tritanomaly

101.7640, -18.1247, 120.3560

Monochromacy



Original Color

98.5360, 1.2148, 124.0639

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.5140, 0.7326, 45.1532

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.5360, 1.2148, 124.0639 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(240, 26, 101)` looks like.

```
.text, #text, p{  
    color:rgb(240, 26, 101)  
}
```

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(240, 26, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 26, 101) }
```

Border

The CSS property to change the border of an element to YUV 98.5360, 1.2148, 124.0639 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(240, 26, 101) }
```


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

```
.border{ border-color:rgb(240, 26, 101) }
```

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

Here you see how a box with a 4 pixel rgb(240, 26, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 26, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 26, 101);  
box-shadow:4px 4px 4px 4px rgb(240, 26,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 98.5360, 1.2148, 124.0639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 26, 101) }
```

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

```
.background{ background-color: rgb(240, 26,  
101) }
```

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