

Converting Colors

YUV(98.9580, 11.3597,
136.8488)

Have a look what the booklet for
YUV(98.9580, 11.3597, 136.8488)
contains.

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Color

**YUV(98.9580, 11.3597,
136.8488)**

Conversions

Conversions Part 1

Format	Color
Hex	FF0F7A
RGB	255, 15, 122
RGB Percent	100%, 6%, 48%
CMY	0.0000, 0.9412, 0.5216
CMYK	0.00, 0.94, 0.52, 0.00
HSL	333°, 100%, 53%
HSV	333°, 94%, 100%
XYZ	44.9237, 23.0068, 20.4854
YIQ	98.9580, 108.6930, 84.1570

Conversions

Conversions Part 2

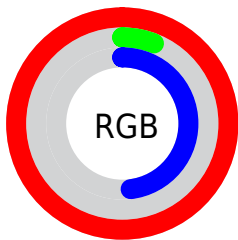
Format	Color
R_{YB}	255, 15, 122
Decimal	16715642
CIE _{Lab}	55.08, 83.10, 7.95
CIE _{LCh}	55, 83.480, 5.464
Yxy	23.0068, 0.5081, 0.2602
Android (android.graphics.Color)	4294905722 (0xFFFF0F7A)
YUV	98.9580, 11.3597, 136.8488
Hunter-Lab	47.9654, 83.2410, 8.2538

Details

The YUV color **98.9580, 11.3597, 136.8488** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark saturated rose. A complement of this color would be **171.0420, -11.3597, -136.8488**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.9550, 8.8962, 86.8625**, and **65.5450, 4.1683, 110.0240** is the 20% darker color. If you saturate the color by 10%, you get **89.2410, 12.2062, 145.3706**, and if you desaturate by 10%, it is **115.8160, 9.9507, 122.0644**.

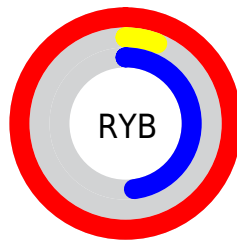
Distribution



Red (100%)

Green (6%)

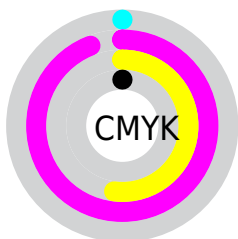
Blue (48%)



Red (100%)

Yellow (6%)

Blue (48%)

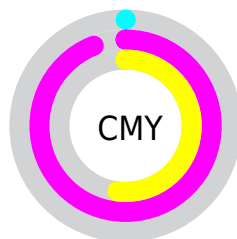


Cyan (0%)

Magenta (94%)

Yellow (52%)

Black (0%)



Cyan (0%)


Magenta (94%)


Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.9580, 11.3597, 136.8488 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 98.9580, 11.3597, 136.8488 by changing the saturation by 10% instead.

 98.9580, 11.3597,
136.8488


 98.9580, 11.3597,
136.8488


255.0000, 0.0000,
0.0000


 77.7350, 9.4976,
127.3974


 155.9550, 8.8962,
86.8625


 65.5450, 4.1683,
110.0240


 177.8170, 11.4292,
67.6895

 53.4690, -0.7242,
92.5507


 199.2060, 14.6884,
48.9313

 41.9200, -4.8906,
75.4922

 219.7800, 17.3635,
30.8879

 29.6870, -11.6777,
59.0335

 237.9770, 8.3923,
14.9292

 20.0760, -8.4185,
40.2753

 9.9810, -4.4276,

20.1877

■ 0.0000, 0.0000,
0.0000

■ 98.9580, 11.3597,
136.8488

■ 98.9580, 11.3597,
136.8488

■ 89.2410, 12.2062,
145.3706

■ 115.8160, 9.9507,
122.0644

■ 132.0870, 8.8311,
107.7947

■ 148.9450, 7.4221,
93.0102

■ 165.3300, 6.7393,
78.6406

■ 182.1880, 5.3303,
63.8561

■ 198.4590, 4.2107,
49.5865

■ 215.3170, 2.8017,
34.8020

■ 231.5880, 1.6821,
20.5323

■ 248.4460, 0.2731,
5.7479

Harmonies

Analogous

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



123.6220, 34.2034, 89.7855



98.9580, 11.3597, 136.8488



114.9900, -31.0541, 114.0188

Triad

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



98.9580, 11.3597, 136.8488



108.3820, -53.4323, -35.4150



120.0550, 66.5279, -105.2882

Complementary

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



98.9580, 11.3597, 136.8488



171.0420, -11.3597, -136.8488

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.



119.6040, 47.0302, -104.8927



98.9580, 11.3597, 136.8488



100.9710, -16.7477, -88.5516

Square

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



98.9580, 11.3597, 136.8488



122.3230, -60.3052, 22.5187



111.5100, 16.0176, -97.7943



109.4890, 71.7369, -96.0219

Rectangle

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



98.9580, 11.3597, 136.8488



120.0830, -59.2009, 88.5042



111.5100, 16.0176, -97.7943



121.3600, 63.9125, -106.4327

Sweetspot

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



98.9580, 11.3597, 136.8488



208.7630, 3.0748, 40.5498



81.8280, 85.3738, 57.1558



99.3220, 1.8133, 25.1506



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.



98.9580, 11.3597, 136.8488



89.2410, 12.2062, 145.3706



93.8040, -38.8504, 141.3689



119.4570, 0.2677, 7.4922



66.7990, 8.9731, 108.9243



22.3280, 2.7963, 36.5463

Inverse Universe

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



98.9580, 11.3597, 136.8488



89.2410, 12.2062, 145.3706



176.1960, 38.8504, -141.3689



119.4570, 0.2677, 7.4922



66.7990, 8.9731, 108.9243



22.3280, 2.7963, 36.5463

Previews

White Background



This preview shows how the YUV color 98.9580, 11.3597, 136.8488 looks on a white background.

Color Contrast Check

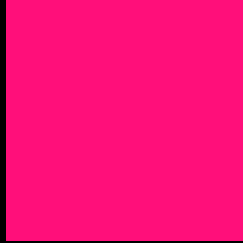
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.9580, 11.3597, 136.8488 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 98.9580, 11.3597, 136.8488

Background



This preview shows how black text looks on a background with the YUV color 98.9580, 11.3597, 136.8488.



This preview shows how white text looks on a background with the YUV color 98.9580, 11.3597,

136.8488.

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

98.9580, 11.3597, 136.8488

Protanopia

132.8410, 21.2774, -11.2616

Deuteranopia

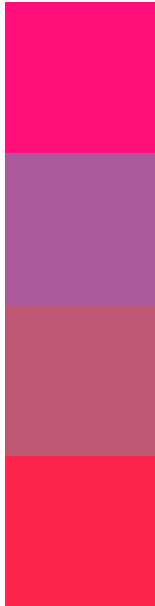
133.5370, -11.1107, 17.0691



Tritanopia

110.3980, -29.7762, 124.1850

Trichromacy



Original Color

98.9580, 11.3597, 136.8488

Protanomaly

120.5580, 17.4729, 42.4836

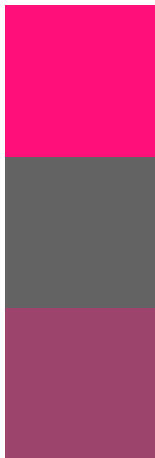
Deuteranomaly

120.9890, -2.9526, 60.5226

Tritanomaly

106.0300, -14.8048, 128.8927

Monochromacy



Original Color

98.9580, 11.3597, 136.8488

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.7580, 4.0633, 50.2012

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.9580, 11.3597, 136.8488 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, 15, 122)` looks like.

```
.text, #text, p{  
    color:rgb(255, 15, 122)  
}
```

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, 15, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 15, 122) }
```

Border

The CSS property to change the border of an element to YUV 98.9580, 11.3597, 136.8488 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, 15, 122) }
```


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

```
.border{ border-color:rgb(255, 15, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 15, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 15, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 15, 122);  
box-shadow:4px 4px 4px 4px rgb(255, 15,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 98.9580, 11.3597, 136.8488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 15, 122) }
```

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

```
.background{ background-color: rgb(255, 15,  
122) }
```

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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