

Converting Colors

YUV(98.1540, 30.4901, 67.3939)

Have a look what the booklet for
YUV(98.1540, 30.4901, 67.3939)
contains.

YUV(98.1540, 30.4901, 67.3939)	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(98.1540, 30.4901,
67.3939)**

Conversions

Conversions Part 1

Format	Color
Hex	AF2FA0
RGB	175, 47, 160
RGB Percent	69%, 18%, 63%
CMY	0.3137, 0.8157, 0.3725
CMYK	0.00, 0.73, 0.09, 0.31
HSL	307°, 58%, 44%
HSV	307°, 73%, 69%
XYZ	25.0409, 13.6851, 34.5794
YIQ	98.1540, 40.0150, 62.2790

Conversions

Conversions Part 2

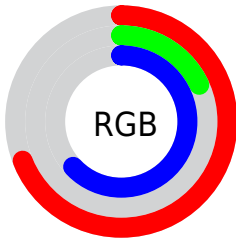
Format	Color
R_{YB}	175, 47, 160
Decimal	11480992
CIE _{Lab}	43.78, 62.87, -33.39
CIE _{LCh}	44, 71.186, 332.029
Yxy	13.6851, 0.3416, 0.1867
Android (android.graphics.Color)	4289671072 (0xFFAF2FA0)
YUV	98.1540, 30.4901, 67.3939
Hunter-Lab	36.9933, 56.0888, -29.5258

Details

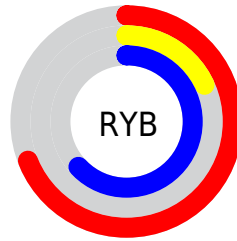
The YUV color **98.1540, 30.4901, 67.3939** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **123.8460, -30.4901, -67.3939**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.1110, 29.0323, 68.3087**, and **47.8930, 29.6328, 62.3608** is the 20% darker color. If you saturate the color by 10%, you get **87.9470, 34.5361, 76.3455**, and if you desaturate by 10%, it is **108.9480, 26.1546, 57.9276**.

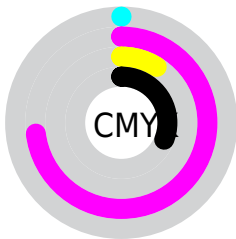
Distribution



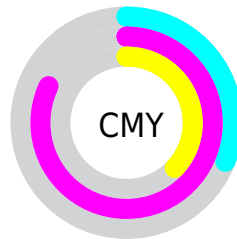
- Red (69%)
- Green (18%)
- Blue (63%)



- Red (69%)
- Yellow (18%)
- Blue (63%)



- Cyan (0%)
- Magenta (73%)
- Yellow (9%)
- Black (31%)





- Cyan (31%)
- Magenta (82%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the YUV color 98.1540, 30.4901, 67.3939 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 98.1540, 30.4901, 67.3939 by changing the saturation by 10% instead.


 98.1540, 30.4901,
67.3939


 98.1540, 30.4901,
67.3939


255.0000, 0.0000,
0.0000


 60.4030, 36.2833,
75.9456


 156.1110, 29.0323,
68.3087

 47.8930, 29.6328,
62.3608


 182.7190, 30.2115,
63.3904


 36.6710, 22.8402,
47.6465


 200.4090, 26.9134,
47.8763

 26.2750, 16.6264,
33.9618

 216.8450, 18.8104,
33.4619

 15.8790, 10.4127,
20.2771

 233.8680, 10.4181,
18.5328

 2.0690, 5.3890,
-1.8145

 251.4780, 1.7363,

 0.0000, 0.0000,

3.0888

0.0000

■ 98.1540, 30.4901,
67.3939

■ 98.1540, 30.4901,
67.3939

■ 87.9470, 34.5361,
76.3455

■ 108.9480, 26.1546,
57.9276

■ 77.1530, 38.8716,
85.8118

■ 119.1550, 22.1086,
48.9761

■ 69.8810, 41.4707,
92.1894

■ 129.9490, 17.7731,
39.5097

■ 140.1560, 13.7271,
30.5582

■ 150.9500, 9.3917,
21.0919

■ 161.1570, 5.3456,
12.1403

■ 171.9510, 1.0102,
2.6740

■ 182.1580, -3.0359,
-6.2776

■ 192.9520, -7.3713,
-15.7439

Harmonies

Analogous

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



103.1650, 50.2047, -2.7757



98.1540, 30.4901, 67.3939



73.4990, 14.0510, 113.5724

Triad

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



98.1540, 30.4901, 67.3939



97.2380, -47.9383, 22.5933



93.9460, 35.0296, -82.3906

Complementary

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



98.1540, 30.4901, 67.3939



123.8460, -30.4901, -67.3939

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.



87.2200, 9.2585, -76.4919



98.1540, 30.4901, 67.3939



86.9180, -42.8506, -22.7301

Square

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



98.1540, 30.4901, 67.3939



96.0180, -47.3369, 63.1282



78.2770, -17.3916, -68.6489



95.9130, 55.2589, -84.1157

Rectangle

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



98.1540, 30.4901, 67.3939



82.6680, -9.2033, 105.5312



78.2770, -17.3916, -68.6489



91.7800, 26.7305, -80.4911

Sweetspot

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



98.1540, 30.4901, 67.3939



196.9660, 11.8488, 26.3398



66.0770, 53.6990, -3.5755



96.9340, 6.9345, 15.8439



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



98.1540, 30.4901, 67.3939



106.9780, 47.8318, 105.2593



90.8580, 2.5350, 73.7925



81.6030, 2.1677, 4.7332



60.0120, 35.9831, 78.9195



9.1570, 5.3456, 12.1403

Inverse Universe

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



98.1540, 30.4901, 67.3939



106.9780, 47.8318, 105.2593



131.1420, -2.5350, -73.7925



81.6030, 2.1677, 4.7332



60.0120, 35.9831, 78.9195



9.1570, 5.3456, 12.1403

Previews

White Background



This preview shows how the YUV color 98.1540, 30.4901, 67.3939 looks on a white background.

Color Contrast Check

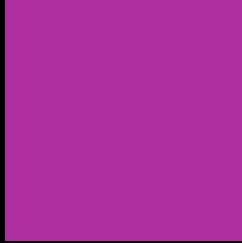
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 98.1540, 30.4901, 67.3939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

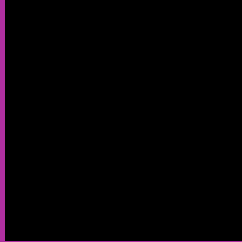
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.1540, 30.4901, 67.3939

Background



This preview shows how black text looks on a background with the YUV color 98.1540, 30.4901, 67.3939.



This preview shows how white text looks on a background with the YUV color 98.1540, 30.4901,

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

98.1540, 30.4901, 67.3939

Protanopia

93.1650, 56.6137, -51.8877

Deuteranopia

103.2040, 24.0564, -15.9649



Tritanopia

102.3770, -11.5249, 56.6744

Trichromacy



Original Color

98.1540, 30.4901, 67.3939



Protanomaly

94.7360, 47.4582, -8.5385



Deuteranomaly

101.6730, 26.2902, 14.3188



Tritanomaly

100.7100, 3.5940, 60.7673

Monochromacy



Original Color

98.1540, 30.4901, 67.3939



Achromatopsia

98.0000, 0.0000, 0.0000



Achromatomaly

97.8410, 11.4174, 24.6954

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.1540, 30.4901, 67.3939 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(175, 47, 160)` looks like.

```
.text, #text, p{  
    color:rgb(175, 47, 160)  
}
```

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(175, 47, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 47, 160) }
```

Border

The CSS property to change the border of an element to YUV 98.1540, 30.4901, 67.3939 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(175, 47, 160) }
```


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

```
.border{ border-color:rgb(175, 47, 160) }
```

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

Here you see how a box with a 4 pixel rgb(175, 47, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 47, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 47, 160);  
box-shadow:4px 4px 4px 4px rgb(175, 47,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 98.1540, 30.4901, 67.3939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 47, 160) }
```

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

```
.background{ background-color: rgb(175, 47,  
160) }
```

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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