

Converting Colors

YUV(129.8990, 20.7558,
109.7136)

Have a look what the booklet for
YUV(129.8990, 20.7558, 109.7136)
contains.

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Color

**YUV(129.8990, 20.7558,
109.7136)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF3AAC |
| RGB | 255, 58, 172 |
| RGB Percent | 100%, 23%, 67% |
| CMY | 0.0000, 0.7725, 0.3255 |
| CMYK | 0.00, 0.77, 0.33, 0.00 |
| HSL | 325°, 100%, 61% |
| HSV | 325°, 77%, 100% |
| XYZ | 50.1995, 27.2647, 41.6465 |
| YIQ | 129.8990, 80.8180, 77.2180 |

Conversions

Conversions Part 2

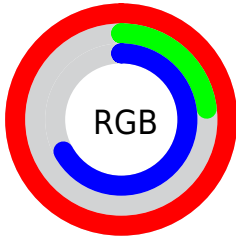
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 255, 58, 172 |
| Decimal | 16726700 |
| CIELab | 59.22, 79.95, -15.49 |
| CIELCh | 59, 81.433, 349.033 |
| Yxy | 27.2647, 0.4215, 0.2289 |
| Android (android.graphics.Color) | 4294916780 (0xFFFF3AAC) |
| YUV | 129.8990, 20.7558, 109.7136 |
| Hunter-Lab | 52.2156, 80.2305, -10.7381 |

Details

The YUV color **129.8990, 20.7558, 109.7136** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **183.1010, -20.7558, -109.7136**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.9110, 25.6799, 70.2381**, and **71.3870, 23.9662, 106.6546** is the 20% darker color. If you saturate the color by 10%, you get **113.3830, 23.4752, 124.1981**, and if you desaturate by 10%, it is **145.8280, 18.3258, 95.7438**.

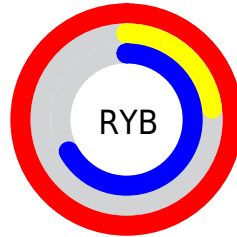
Distribution



Red (100%)

Green (23%)

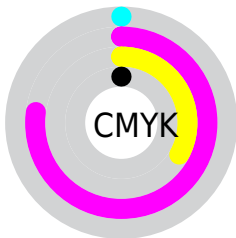
Blue (67%)



Red (100%)

Yellow (23%)

Blue (67%)

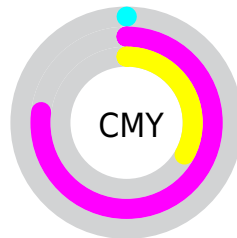


Cyan (0%)

Magenta (77%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (77%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YUV color 129.8990, 20.7558, 109.7136 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 129.8990, 20.7558, 109.7136 by changing the saturation by 10% instead.


 129.8990, 20.7558,
109.7136


 129.8990, 20.7558,
109.7136


255.0000, 0.0000,
0.0000


 83.5060, 30.3165,
123.2132


 174.9110, 25.6799,
70.2381


 71.3870, 23.9662,
106.6546


 195.7130, 29.2285,
51.9947


 59.5670, 17.4685,
90.7107


 213.3230, 20.5468,
36.5507

 47.8610, 11.4075,
74.6669

 231.5200, 11.5756,
20.5920

 36.3830, 6.2202,
58.4231

 249.1300, 2.8939,
5.1480

 25.6170, 1.1748,
43.3089

 13.5690, -6.1965,

27.5650

■ 0.0000, 0.0000,
0.0000

■ 129.8990, 20.7558,
109.7136

■ 129.8990, 20.7558,
109.7136

■ 113.3830, 23.4752,
124.1981

■ 145.8280, 18.3258,
95.7438

■ 97.5680, 26.3420,
138.0679

■ 162.2300, 15.1696,
81.3593

■ 93.1170, 27.0573,
141.9714

■ 178.1590, 12.7396,
67.3896

■ 194.6750, 10.0202,
52.9050

■ 210.6040, 7.5902,
38.9353

■ 227.0060, 4.4340,
24.5507

■ 242.9350, 2.0040,
10.5810

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



144.4580, 46.1162, 48.7103



129.8990, 20.7558, 109.7136



121.8050, -10.2569, 116.8120

Triad

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



129.8990, 20.7558, 109.7136



128.3820, -63.2923, 0.5420



128.2900, 60.0030, -112.5103

Complementary

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



129.8990, 20.7558, 109.7136



183.1010, -20.7558, -109.7136

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.



123.4560, 31.3272, -108.2709



129.8990, 20.7558, 109.7136



101.3180, -33.1878, -88.8559

Square

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



129.8990, 20.7558, 109.7136



134.3160, -66.2178, 52.3429



113.8460, -0.4171, -99.8429



122.4030, 65.3703, -107.3474

Rectangle

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



129.8990, 20.7558, 109.7136



130.6380, -37.2895, 107.3115



113.8460, -0.4171, -99.8429



127.4120, 51.5619, -111.7403

Sweetspot

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



129.8990, 20.7558, 109.7136



217.5170, 6.1541, 32.8726



104.9760, 73.9618, 30.7160



105.0440, 3.4293, 20.1324



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.



129.8990, 20.7558, 109.7136



104.4810, 24.9059, 132.0052



118.7270, -22.0504, 119.5114



119.6850, 1.1413, 7.2923



69.7630, 20.3298, 106.3248



23.3540, 6.7275, 35.6465

Inverse Universe

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



129.8990, 20.7558, 109.7136



104.4810, 24.9059, 132.0052



194.2730, 22.0504, -119.5114



119.6850, 1.1413, 7.2923



69.7630, 20.3298, 106.3248



23.3540, 6.7275, 35.6465

Previews

White Background



This preview shows how the YUV color 129.8990, 20.7558, 109.7136 looks on a white background.

Color Contrast Check

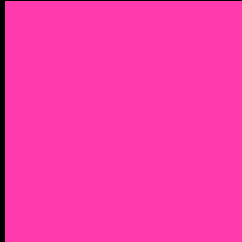
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.8990, 20.7558, 109.7136 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 129.8990, 20.7558, 109.7136 Background



This preview shows how black text looks on a background with the YUV color 129.8990, 20.7558, 109.7136.



This preview shows how white text looks on a background with the YUV color 129.8990, 20.7558, 109.7136.

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

129.8990, 20.7558, 109.7136

Protanopia

140.5780, 43.5920, -28.5709

Deuteranopia

144.3130, 8.7197, 3.2335



Tritanopia

133.9050, -22.1382, 100.9383

Trichromacy



Original Color

129.8990, 20.7558, 109.7136



Protanomaly

136.4210, 35.2884, 21.5558



Deuteranomaly

139.4070, 13.1103, 41.7391



Tritanomaly

132.6400, -6.7245, 103.8017

Monochromacy



Original Color

129.8990, 20.7558, 109.7136



Achromatopsia

130.0000, 0.0000, 0.0000



Achromatomaly

129.9030, 7.4428, 39.5501

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.8990, 20.7558, 109.7136 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, 58, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 58, 172)  
}
```

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, 58, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 58, 172) }
```

Border

The CSS property to change the border of an element to YUV 129.8990, 20.7558, 109.7136 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, 58, 172) }
```


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

```
.border{ border-color:rgb(255, 58, 172) }
```

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

Here you see how a box with a 4 pixel rgb(255, 58, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 58, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 58, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 58,  
172) }
```

Background

The CSS property to change the background color of an element to YUV 129.8990, 20.7558, 109.7136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 58, 172) }
```

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

```
.background{ background-color: rgb(255, 58,  
172) }
```

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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