

Converting Colors

YUV(86.5500, 19.9419, 90.7257)

Have a look what the booklet for
YUV(86.5500, 19.9419, 90.7257)
contains.

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Color

**YUV(86.5500, 19.9419,
90.7257)**

Conversions

Conversions Part 1

Format	Color
Hex	BE1A7F
RGB	190, 26, 127
RGB Percent	75%, 10%, 50%
CMY	0.2549, 0.8980, 0.5020
CMYK	0.00, 0.86, 0.33, 0.25
HSL	323°, 76%, 42%
HSV	323°, 86%, 75%
XYZ	25.4354, 13.2182, 21.2895
YIQ	86.5500, 65.3230, 66.1790

Conversions

Conversions Part 2

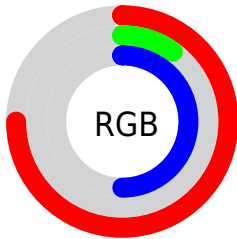
Format	Color
RYB	190, 26, 127
Decimal	12458623
CIELab	43.09, 67.51, -14.20
CIELCh	43, 68.986, 348.120
Yxy	13.2182, 0.4243, 0.2205
Android (android.graphics.Color)	4290648703 (0xFFBE1A7F)
YUV	86.5500, 19.9419, 90.7257
Hunter-Lab	36.3569, 61.2544, -9.2685

Details

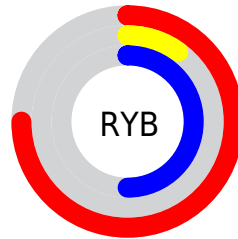
The YUV color **86.5500, 19.9419, 90.7257** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **129.4500, -19.9418, -90.7256**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.4480, 14.5691, 87.3071**, and **48.0610, 14.7599, 72.7375** is the 20% darker color. If you saturate the color by 10%, you get **74.5990, 22.3827, 101.2067**, and if you desaturate by 10%, it is **98.5010, 17.5010, 80.2446**.

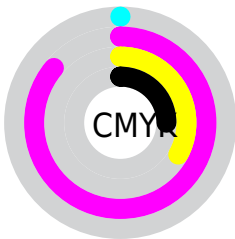
Distribution



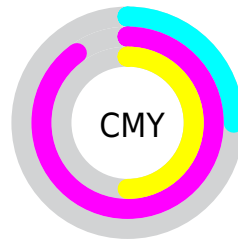
- Red (75%)
- Green (10%)
- Blue (50%)



- Red (75%)
- Yellow (10%)
- Blue (50%)



- Cyan (0%)
- Magenta (86%)
- Yellow (33%)
- Black (25%)





- Cyan (25%)
- Magenta (90%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the YUV color 86.5500, 19.9419, 90.7257 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 86.5500, 19.9419, 90.7257 by changing the saturation by 10% instead.


 86.5500, 19.9419,
90.7257


 86.5500, 19.9419,
90.7257


255.0000, 0.0000,
0.0000


 59.4680, 20.9683,
88.1666


 150.4480, 14.5691,
87.3071


 48.0610, 14.7599,
72.7375


 172.0440, 17.2333,
72.7524


 37.0670, 8.8410,
57.8232

 192.3730, 21.5081,
54.9239

 26.3010, 3.7956,
42.7090

 211.5620, 21.4149,
38.0951

 15.1500, -4.0179,
28.8095

 228.5850, 13.0226,
23.1660

 0.0000, 0.0000,
0.0000

 246.1950, 4.3409,

7.7220

■ 86.5500, 19.9419,
90.7257

■ 86.5500, 19.9419,
90.7257

■ 74.5990, 22.3827,
101.2067

■ 98.5010, 17.5010,
80.2446

■ 70.1480, 23.0980,
105.1102

■ 110.5660, 15.4970,
69.6636

■ 122.5170, 13.0561,
59.1826

■ 134.4680, 10.6153,
48.7016

■ 146.4190, 8.1744,
38.2205

■ 158.4840, 6.1704,
27.6395

■ 170.4350, 3.7295,
17.1585

■ 182.3860, 1.2887,
6.6775

■ 194.4510, -0.7153,
-3.9035

Harmonies

Analogous

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



102.5030, 37.7130, 37.2699



86.5500, 19.9419, 90.7257



81.5690, -5.7035, 102.9870

Triad

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



86.5500, 19.9419, 90.7257



92.0780, -45.3945, -0.0684



94.1060, 45.7967, -82.5310

Complementary

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



86.5500, 19.9419, 90.7257



129.4500, -19.9418, -90.7256

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.



89.4660, 22.9413, -78.4617



86.5500, 19.9419, 90.7257



71.0100, -32.5429, -62.2758

Square

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



86.5500, 19.9419, 90.7257



96.1740, -47.4138, 41.0664



82.0390, -2.9772, -71.9482



92.0150, 60.6316, -80.6972

Rectangle

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



86.5500, 19.9419, 90.7257



89.6230, -27.9151, 87.1536



82.0390, -2.9772, -71.9482



92.9830, 38.9554, -81.5461

Sweetspot

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



86.5500, 19.9419, 90.7257



206.6960, 8.0379, 35.3466



63.5330, 62.3482, 22.3346



100.3970, 4.7343, 21.5768



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



86.5500, 19.9419, 90.7257



91.1810, 29.9838, 136.6533



77.2020, -15.8756, 98.9238



88.3750, 1.2941, 4.9331



58.3000, 19.0791, 87.4369



11.4350, 3.7295, 17.1585

Inverse Universe

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



86.5500, 19.9419, 90.7257



91.1810, 29.9838, 136.6533



138.7980, 15.8756, -98.9238



88.3750, 1.2941, 4.9331



58.3000, 19.0791, 87.4369



11.4350, 3.7295, 17.1585

Previews

White Background



This preview shows how the YUV color 86.5500, 19.9419, 90.7257 looks on a white background.

Color Contrast Check

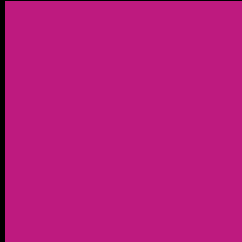
Large Text (above 18pt) WCAG AA ✓ Pass

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 86.5500, 19.9419, 90.7257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

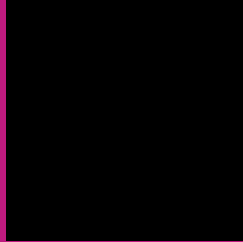
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.5500, 19.9419, 90.7257

Background



This preview shows how black text looks on a background with the YUV color 86.5500, 19.9419, 90.7257.



This preview shows how white text looks on a background with the YUV color 86.5500, 19.9419,

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

86.5500, 19.9419, 90.7257

Protanopia

100.3950, 37.7663, -26.6564

Deuteranopia

103.9600, 7.4147, 1.7891



Tritanopia

93.5110, -17.9999, 80.2359

Trichromacy



Original Color

86.5500, 19.9419, 90.7257

Protanomaly

95.6500, 31.2315, 16.0929

Deuteranomaly

97.7220, 11.9691, 34.4468

Tritanomaly

91.0890, -4.4809, 84.1139

Monochromacy



Original Color

86.5500, 19.9419, 90.7257

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.8590, 7.4645, 32.5727

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.5500, 19.9419, 90.7257 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(190, 26, 127)` looks like.

```
.text, #text, p{  
    color:rgb(190, 26, 127)  
}
```

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(190, 26, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 26, 127) }
```

Border

The CSS property to change the border of an element to YUV 86.5500, 19.9419, 90.7257 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(190, 26, 127) }
```


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

```
.border{ border-color:rgb(190, 26, 127) }
```

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

Here you see how a box with a 4 pixel rgb(190, 26, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 26, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 26, 127);  
box-shadow:4px 4px 4px 4px rgb(190, 26,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 86.5500, 19.9419, 90.7257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 26, 127) }
```

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

```
.background{ background-color: rgb(190, 26,  
127) }
```

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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