

Converting Colors

YUV(86.3820, 11.1507, 63.6860)

Have a look what the booklet for
YUV(86.3820, 11.1507, 63.6860)
contains.

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Color

**YUV(86.3820, 11.1507,
63.6860)**

Conversions

Conversions Part 1

Format	Color
Hex	9F2D6D
RGB	159, 45, 109
RGB Percent	62%, 18%, 43%
CMY	0.3765, 0.8235, 0.5725
CMYK	0.00, 0.72, 0.31, 0.38
HSL	326°, 56%, 40%
HSV	326°, 72%, 62%
XYZ	17.9968, 10.3518, 15.5176
YIQ	86.3820, 47.4000, 44.0720

Conversions

Conversions Part 2

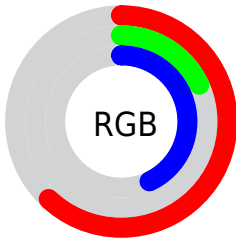
Format	Color
R_{YB}	159, 45, 109
Decimal	10431853
CIE _{Lab}	38.47, 52.34, -10.56
CIE _{LCh}	38, 53.399, 348.594
Yxy	10.3518, 0.4103, 0.2360
Android (android.graphics.Color)	4288621933 (0xFF9F2D6D)
YUV	86.3820, 11.1507, 63.6860
Hunter-Lab	32.1743, 43.5396, -6.0734

Details

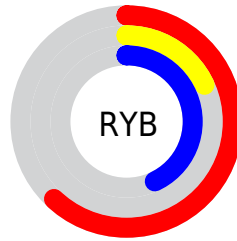
The YUV color **86.3820, 11.1507, 63.6860** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **117.6180, -11.1507, -63.6860**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.9370, 9.3981, 65.8303**, and **37.7510, 11.4618, 57.2234** is the 20% darker color. If you saturate the color by 10%, you get **76.1920, 12.7233, 72.6226**, and if you desaturate by 10%, it is **96.5720, 9.5780, 54.7494**.

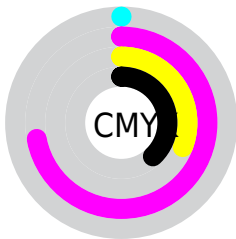
Distribution



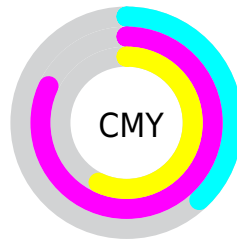
- Red (62%)
- Green (18%)
- Blue (43%)



- Red (62%)
- Yellow (18%)
- Blue (43%)



- Cyan (0%)
- Magenta (72%)
- Yellow (31%)
- Black (38%)





- Cyan (38%)
- Magenta (82%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the YUV color 86.3820, 11.1507, 63.6860 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 86.3820, 11.1507, 63.6860 by changing the saturation by 10% instead.


 86.3820, 11.1507,
63.6860

 86.3820, 11.1507,
63.6860


255.0000, 0.0000,
0.0000

 53.5550, 15.5024,
67.9193

 141.9370, 9.3981,
65.8303


 37.7510, 11.4618,
57.2234


 169.8340, 8.9558,
67.6746


 27.2840, 6.2690,
42.7239

 191.7400, 11.4672,
55.4790

 17.7140, 0.6340,
30.0688

 211.4820, 16.0314,
38.1653

 2.0930, -1.0318,
4.3034

 229.7590, 12.4438,
22.1364

 0.0000, 0.0000,
0.0000

 246.7820, 4.0515,

7.2072

■ 86.3820, 11.1507,
63.6860

■ 86.3820, 11.1507,
63.6860

■ 76.1920, 12.7233,
72.6226

■ 96.5720, 9.5780,
54.7494

■ 66.0020, 14.2960,
81.5592

■ 106.7620, 8.0053,
45.8127

■ 57.6870, 15.4373,
88.8515

■ 116.9520, 6.4327,
36.8761

■ 127.1420, 4.8600,
27.9395

■ 137.3320, 3.2873,
19.0028

■ 146.9350, 2.0040,
10.5810

■ 157.1250, 0.4314,
1.6444

■ 167.3150, -1.1413,
-7.2923

■ 177.5050, -2.7140,
-16.2289

Harmonies

Analogous

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



92.4020, 27.4098, 28.5884



86.3820, 11.1507, 63.6860



82.9860, -8.3741, 72.8033

Triad

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



86.3820, 11.1507, 63.6860



82.3540, -40.6005, 2.3205



81.0660, 36.4495, -71.0949

Complementary

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



86.3820, 11.1507, 63.6860



117.6180, -11.1507, -63.6860

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.



77.9080, 19.2724, -68.3253



86.3820, 11.1507, 63.6860



71.8890, -22.1303, -41.9987

Square

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



86.3820, 11.1507, 63.6860



85.7970, -42.2979, 33.5040



72.1910, -0.0942, -63.3115



79.3510, 47.6480, -69.5908

Rectangle

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



86.3820, 11.1507, 63.6860



84.8590, -22.6085, 65.0217



72.1910, -0.0942, -63.3115



80.3990, 31.3553, -70.5099

Sweetspot

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



86.3820, 11.1507, 63.6860



177.7180, 4.5760, 25.6803



72.6470, 42.5720, 18.7266



87.1960, 2.8614, 15.6141



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



86.3820, 11.1507, 63.6860



93.6220, 17.4414, 99.4325



79.9980, -13.3100, 69.2848



73.9620, 1.0047, 4.4183



51.8770, 13.8646, 79.9149



5.5110, 1.7201, 8.3219

Inverse Universe

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



86.3820, 11.1507, 63.6860



93.6220, 17.4414, 99.4325



124.0020, 13.3100, -69.2848



73.9620, 1.0047, 4.4183



51.8770, 13.8646, 79.9149



5.5110, 1.7201, 8.3219

Previews

White Background



This preview shows how the YUV color 86.3820, 11.1507, 63.6860 looks on a white background.

Color Contrast Check

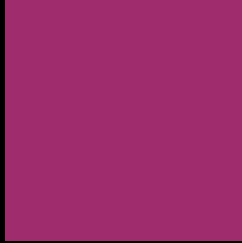
Large Text (above 18pt) WCAG AA ✓ Pass

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 86.3820, 11.1507, 63.6860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

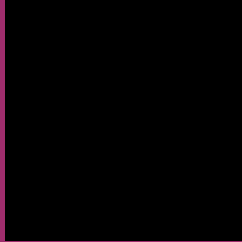
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.3820, 11.1507, 63.6860

Background



This preview shows how black text looks on a background with the YUV color 86.3820, 11.1507, 63.6860.



This preview shows how white text looks on a background with the YUV color 86.3820, 11.1507,

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

86.3820, 11.1507, 63.6860

Protanopia

90.7310, 24.7826, -15.5501

Deuteranopia

92.3900, 5.2307, 2.2890



Tritanopia

87.4590, -12.5513, 59.2335

Trichromacy



Original Color

86.3820, 11.1507, 63.6860

Protanomaly

89.2400, 19.6017, 12.9445

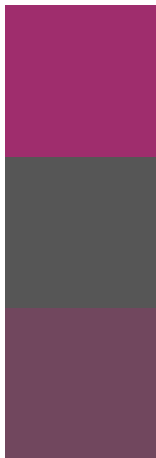
Deuteranomaly

90.1030, 7.3442, 24.4657

Tritanomaly

86.7610, -3.8262, 60.7226

Monochromacy



Original Color

86.3820, 11.1507, 63.6860

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.1800, 3.8553, 23.5211

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.3820, 11.1507, 63.6860 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(159, 45, 109)` looks like.

```
.text, #text, p{  
    color:rgb(159, 45, 109)  
}
```

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(159, 45, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 45, 109) }
```

Border

The CSS property to change the border of an element to YUV 86.3820, 11.1507, 63.6860 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(159, 45, 109) }
```


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

```
.border{ border-color:rgb(159, 45, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 45, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 45, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 45, 109);  
box-shadow:4px 4px 4px 4px rgb(159, 45,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 86.3820, 11.1507, 63.6860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 45, 109) }
```

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

```
.background{ background-color: rgb(159, 45,  
109) }
```

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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