

Converting Colors

YUV(127.6530, 19.8911,
13.4593)

Have a look what the booklet for
YUV(127.6530, 19.8911, 13.4593)
contains.

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Color

**YUV(127.6530, 19.8911,
13.4593)**

Conversions

Conversions Part 1

Format	Color
Hex	8F70A8
RGB	143, 112, 168
RGB Percent	56%, 44%, 66%
CMY	0.4392, 0.5608, 0.3412
CMYK	0.15, 0.33, 0.00, 0.34
HSL	273°, 24%, 55%
HSV	273°, 33%, 66%
XYZ	24.1897, 20.2551, 39.6805
YIQ	127.6530, 0.5000, 23.9880

Conversions

Conversions Part 2

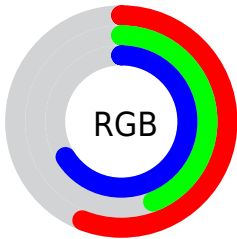
Format	Color
R_{YB}	143, 112, 168
Decimal	9400488
CIE _{Lab}	52.12, 23.22, -25.40
CIE _{LCh}	52, 34.415, 312.432
Yxy	20.2551, 0.2875, 0.2408
Android (android.graphics.Color)	4287590568 (0xFF8F70A8)
YUV	127.6530, 19.8911, 13.4593
Hunter-Lab	45.0057, 17.1805, -20.7706

Details

The YUV color **127.6530, 19.8911, 13.4593** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **152.3470, -19.8911, -13.4593**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.5930, 20.9067, 14.3889**, and **78.3000, 18.5861, 12.0149** is the 20% darker color. If you saturate the color by 10%, you get **115.5810, 25.8426, 17.9075**, and if you desaturate by 10%, it is **139.7250, 13.9396, 9.0112**.

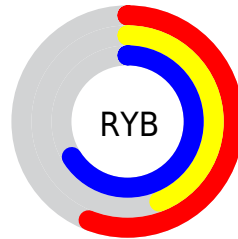
Distribution



Red (56%)

Green (44%)

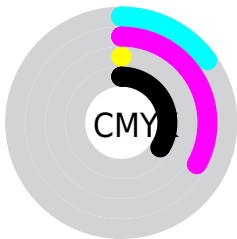
Blue (66%)



Red (56%)

Yellow (44%)

Blue (66%)

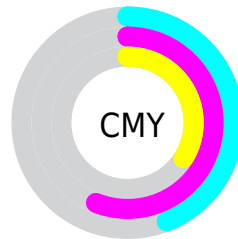


Cyan (15%)

Magenta (33%)

Yellow (0%)

Black (34%)



Cyan (44%)

Magenta (56%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.6530, 19.8911, 13.4593 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 127.6530, 19.8911, 13.4593 by changing the saturation by 10% instead.

■ 127.6530, 19.8911,
13.4593

■ 127.6530, 19.8911,
13.4593

■ 255.0000, 0.0000,
0.0000

■ 102.1260, 19.1649,
13.0445

■ 180.5930, 20.9067,
14.3889

■ 78.3000, 18.5861,
12.0149

■ 208.4190, 21.4854,
15.4185

■ 54.4740, 18.0073,
10.9853

■ 233.8680, 10.4181,
18.5328

■ 32.5340, 16.9917,
10.0557

■ 250.8910, 2.0257,
3.6036

■ 12.6050, 15.9707,
10.8704

■ 3.2090, 9.7570,
-2.8143

■ 0.0000, 0.0000,

0.0000

■ 127.6530, 19.8911,
13.4593

■ 127.6530, 19.8911,
13.4593

■ 115.5810, 25.8426,
17.9075

■ 139.7250, 13.9396,
9.0112

■ 103.2100, 31.9415,
21.7408

■ 152.0960, 7.8407,
5.1778

■ 91.7250, 37.6036,
25.6742

■ 163.5810, 2.1786,
1.2445

■ 79.3540, 43.7025,
29.5075

■ 175.9520, -3.9203,
-2.5889

■ 67.2820, 49.6540,
33.9557

■ 188.0240, -9.8718,
-7.0370

■ 54.9110, 55.7529,
37.7891

■ 200.3950,
-15.9707, -10.8704

■ 46.9590, 59.6732,
40.3780

■ 212.4670,
-21.9222, -15.3186

■ 224.2510,
-27.7317, -18.6371

■ 231.6270,
-31.3681, -18.9669

Harmonies

Analogous

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



122.8490, 29.1614, -20.0386



127.6530, 19.8911, 13.4593



127.5930, 7.5957, 37.1909

Triad

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



127.6530, 19.8911, 13.4593



123.6730, -27.4468, 30.1048



97.6840, 18.8898, -85.6689

Complementary

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



127.6530, 19.8911, 13.4593



152.3470, -19.8911, -13.4593

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.



110.4320, -2.1850, -45.9829



127.6530, 19.8911, 13.4593



121.1280, -27.6711, 8.6577

Square

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



127.6530, 19.8911, 13.4593



124.6500, -19.0544, 45.0340



117.0800, -18.2804, -16.7332



99.5880, 31.2621, -87.3387

Rectangle

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



127.6530, 19.8911, 13.4593



126.2430, -1.5988, 46.2679



117.0800, -18.2804, -16.7332



100.4310, 12.6055, -76.6770

Sweetspot

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



127.6530, 19.8911, 13.4593



203.3950, 7.6933, 5.7926



133.0590, 17.2259, -18.4687



99.9880, 4.9359, 3.5185



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



127.6530, 19.8911, 13.4593



156.2700, 30.9259, 20.8112



134.7860, 14.8955, 29.1287



78.1080, 2.9048, 1.6593



41.3900, 52.5587, 35.6150



5.5690, 7.1145, 4.7630

Inverse Universe

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



131.5940, 2.6652, 31.9281



162.4590, 4.2107, 49.5865



145.2140, -14.8955, -29.1287



78.7340, 0.1311, 4.6183



51.7760, 7.0124, 84.3884



7.0060, 0.9830, 11.3957

Previews

White Background



This preview shows how the YUV color 127.6530, 19.8911, 13.4593 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 127.6530, 19.8911, 13.4593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

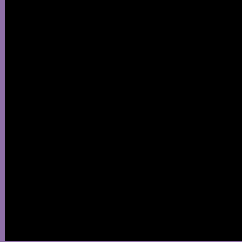
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.6530, 19.8911, 13.4593

Background



This preview shows how black text looks on a background with the YUV color 127.6530, 19.8911, 13.4593.



This preview shows how white text looks on a background with the YUV color 127.6530, 19.8911, 13.4593.

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

127.6530, 19.8911, 13.4593

Protanopia

124.5570, 25.3614, -14.5205

Deuteranopia

125.2110, 20.1090, -9.8320



Tritanopia

126.1090, 1.4253, 9.5514

Trichromacy



Original Color

127.6530, 19.8911, 13.4593

Protanomaly

125.7540, 23.2923, -4.1693

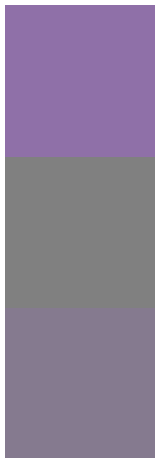
Deuteranomaly

126.2660, 20.0819, -1.1103

Tritanomaly

126.5420, 8.1138, 10.9257

Monochromacy



Original Color

127.6530, 19.8911, 13.4593

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.6830, 7.5513, 4.6630

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.6530, 19.8911, 13.4593 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(143, 112, 168)` looks like.

```
.text, #text, p{  
    color:rgb(143, 112, 168)  
}
```

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(143, 112, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 112, 168) }
```

Border

The CSS property to change the border of an element to YUV 127.6530, 19.8911, 13.4593 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(143, 112, 168) }
```


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

```
.border{ border-color:rgb(143, 112, 168) }
```

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

Here you see how a box with a 4 pixel rgb(143, 112, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 112, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 112, 168);  
box-shadow:4px 4px 4px 4px rgb(143, 112,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 127.6530, 19.8911, 13.4593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 112, 168) }
```

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

```
.background{ background-color: rgb(143,  
112, 168) }
```

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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