

Converting Colors

YUV(106.2550, 6.7763, 19.9474)

Have a look what the booklet for
YUV(106.2550, 6.7763, 19.9474)
contains.

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Color

**YUV(106.2550, 6.7763,
19.9474)**

Conversions

Conversions Part 1

Format	Color
Hex	815C78
RGB	129, 92, 120
RGB Percent	51%, 36%, 47%
CMY	0.4941, 0.6392, 0.5294
CMYK	0.00, 0.29, 0.07, 0.49
HSL	315°, 17%, 43%
HSV	315°, 29%, 51%
XYZ	16.2706, 13.6775, 19.5518
YIQ	106.2550, 13.0640, 16.5520

Conversions

Conversions Part 2

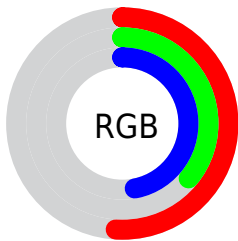
Format	Color
R_{YB}	129, 92, 120
Decimal	8477816
CIE _{Lab}	43.77, 20.01, -9.79
CIE _{LCh}	44, 22.275, 333.935
Yxy	13.6775, 0.3287, 0.2763
Android (android.graphics.Color)	4286667896 (0xFF815C78)
YUV	106.2550, 6.7763, 19.9474
Hunter-Lab	36.9831, 13.8100, -5.4566

Details

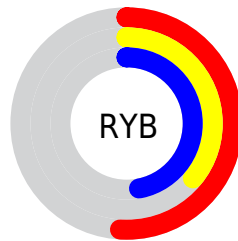
The YUV color **106.2550, 6.7763, 19.9474** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **114.7450, -6.7763, -19.9474**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.9670, 6.9183, 21.0769**, and **58.2440, 6.7817, 18.2030** is the 20% darker color. If you saturate the color by 10%, you get **98.2820, 9.2280, 26.9397**, and if you desaturate by 10%, it is **114.2280, 4.3246, 12.9550**.

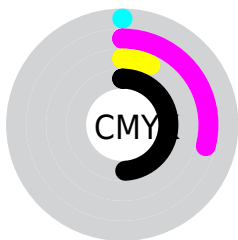
Distribution



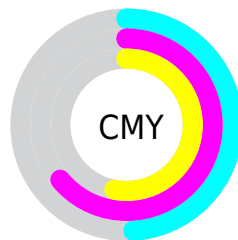
- Red (51%)
- Green (36%)
- Blue (47%)



- Red (51%)
- Yellow (36%)
- Blue (47%)



- Cyan (0%)
- Magenta (29%)
- Yellow (7%)
- Black (49%)



- Cyan (49%)
- Magenta (64%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 106.2550, 6.7763, 19.9474 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 106.2550, 6.7763, 19.9474 by changing the saturation by 10% instead.

■ 106.2550, 6.7763,
19.9474

■ 106.2550, 6.7763,
19.9474

■ 255.0000, 0.0000,
0.0000

■ 81.8420, 6.4869,
19.4326

■ 157.9670, 6.9183,
21.0769

■ 58.2440, 6.7817,
18.2030

■ 184.7930, 7.4971,
22.1065

■ 36.4180, 6.2029,
17.1734

■ 213.0920, 7.3496,
22.7213

■ 13.6570, 7.0711,
18.7178

■ 237.3900, 8.6817,
15.4440

■ 0.0000, 0.0000,
0.0000

■ 253.8260, 0.5788,
1.0296

106.2550, 6.7763,
19.9474

106.2550, 6.7763,
19.9474

98.2820, 9.2280,
26.9397

114.2280, 4.3246,
12.9550

90.3090, 11.6797,
33.9320

122.2010, 1.8729,
5.9627

82.3360, 14.1314,
40.9243

130.1740, -0.5788,
-1.0296

74.2490, 16.1462,
48.0166

138.2610, -2.5937,
-8.1219

66.8630, 18.3085,
54.4941

145.6470, -4.7560,
-14.5994

58.8900, 20.7602,
61.4865

153.6200, -7.2077,
-21.5917

50.9170, 23.2119,
68.4788


161.5930, -9.6593,
-28.5841

49.7430, 23.7907,

169.5660,

69.5084

-12.1110, -35.5764

 177.5390,
-14.5627, -42.5687

Harmonies

Analogous

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



105.3930, 14.1033, 3.1633



106.2550, 6.7763, 19.9474



105.4320, -1.6920, 29.4391

Triad

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



106.2550, 6.7763, 19.9474



102.0710, -17.7830, 10.4617



92.6120, 14.9813, -45.2637

Complementary

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



106.2550, 6.7763, 19.9474



114.7450, -6.7763, -19.9474

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.



94.1370, 5.3555, -37.8311



106.2550, 6.7763, 19.9474



99.7100, -13.6610, -5.0077

Square

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



106.2550, 6.7763, 19.9474



103.9030, -16.2212, 22.8871



97.1900, -5.0237, -22.0916



96.5190, 19.4641, -36.4122

Rectangle

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



106.2550, 6.7763, 19.9474



104.8360, -7.8071, 30.8388



97.1900, -5.0237, -22.0916



92.3410, 12.6499, -44.1491

Sweetspot

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



106.2550, 6.7763, 19.9474



158.8530, 3.0305, 8.0219



98.9090, 14.8349, 1.8338



78.4890, 1.7309, 4.8331



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



106.2550, 6.7763, 19.9474



132.9450, 10.3801, 30.7432



104.2030, -1.0861, 21.7470



59.6630, 1.1521, 3.8035



49.2160, 23.0645, 69.0936



0.0000, 0.0000, 0.0000

Inverse Universe

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



106.2550, 6.7763, 19.9474



132.9450, 10.3801, 30.7432



116.7970, 1.0861, -21.7470



59.6630, 1.1521, 3.8035



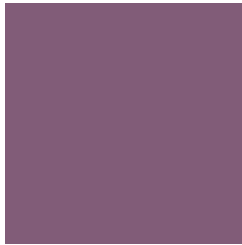
49.2160, 23.0645, 69.0936



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 106.2550, 6.7763, 19.9474 looks on a white background.

Color Contrast Check

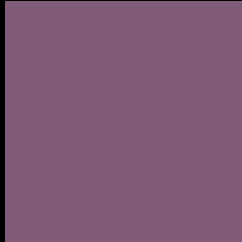
Large Text (above 18pt) WCAG AA ✓ Pass

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 106.2550, 6.7763, 19.9474 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 106.2550, 6.7763, 19.9474

Background



This preview shows how black text looks on a background with the YUV color 106.2550, 6.7763, 19.9474.



This preview shows how white text looks on a background with the YUV color 106.2550, 6.7763,

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

106.2550, 6.7763, 19.9474

Protanopia

104.2410, 11.2202, -5.4734

Deuteranopia

104.7320, 6.5411, 1.9890



Tritanopia

105.4800, -1.2226, 18.8730

Trichromacy



Original Color

106.2550, 6.7763, 19.9474

Protanomaly

104.8400, 9.4459, 3.6483

Deuteranomaly

105.4770, 6.6668, 8.3517

Tritanomaly

105.8760, 1.5401, 19.4027

Monochromacy



Original Color

106.2550, 6.7763, 19.9474

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

106.0270, 2.4517, 6.9923

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.2550, 6.7763, 19.9474 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(129, 92, 120)` looks like.

```
.text, #text, p{  
    color:rgb(129, 92, 120)  
}
```

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(129, 92, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 92, 120) }
```

Border

The CSS property to change the border of an element to YUV 106.2550, 6.7763, 19.9474 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(129, 92, 120) }
```


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

```
.border{ border-color:rgb(129, 92, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 92, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 92, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 92, 120);  
box-shadow:4px 4px 4px 4px rgb(129, 92,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 106.2550, 6.7763, 19.9474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 92, 120) }
```

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

```
.background{ background-color: rgb(129, 92,  
120) }
```

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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