

Converting Colors

YUV(104.3010, 17.1066,
19.9070)

Have a look what the booklet for
YUV(104.3010, 17.1066, 19.9070)
contains.

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Color

**YUV(104.3010, 17.1066,
19.9070)**

Conversions

Conversions Part 1

Format	Color
Hex	7F568B
RGB	127, 86, 139
RGB Percent	50%, 34%, 55%
CMY	0.5020, 0.6627, 0.4549
CMYK	0.09, 0.38, 0.00, 0.45
HSL	286°, 24%, 44%
HSV	286°, 38%, 55%
XYZ	16.7404, 13.0317, 26.0591
YIQ	104.3010, 7.4230, 25.1750

Conversions

Conversions Part 2

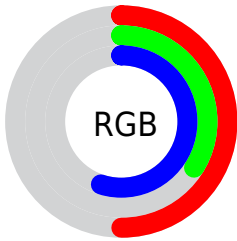
Format	Color
RYB	127, 86, 139
Decimal	8345227
CIELab	42.81, 26.78, -22.78
CIELCh	43, 35.152, 319.616
Yxy	13.0317, 0.2998, 0.2334
Android (android.graphics.Color)	4286535307 (0xFF7F568B)
YUV	104.3010, 17.1066, 19.9070
Hunter-Lab	36.0994, 19.6018, -17.5302

Details

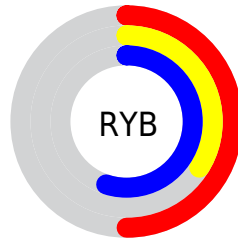
The YUV color **104.3010, 17.1066, 19.9070** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **120.6990, -17.1066, -19.9070**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.5400, 17.9748, 21.4514**, and **56.0620, 16.2384, 18.3626** is the 20% darker color. If you saturate the color by 10%, you get **95.1860, 21.6003, 25.2699**, and if you desaturate by 10%, it is **113.4160, 12.6129, 14.5442**.

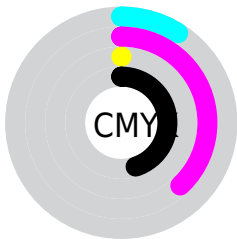
Distribution



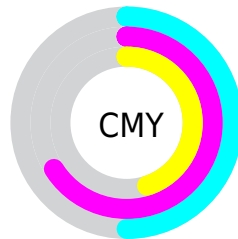
- Red (50%)
- Green (34%)
- Blue (55%)



- Red (50%)
- Yellow (34%)
- Blue (55%)



- Cyan (9%)
- Magenta (38%)
- Yellow (0%)
- Black (45%)



- Cyan (50%)
- Magenta (66%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 104.3010, 17.1066, 19.9070 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 104.3010, 17.1066, 19.9070 by changing the saturation by 10% instead.

■ 104.3010, 17.1066,
19.9070

■ 104.3010, 17.1066,
19.9070

■ 255.0000, 0.0000,
0.0000

■ 79.4750, 16.5278,
18.8774

■ 156.5400, 17.9748,
21.4514

■ 56.0620, 16.2384,
18.3626

■ 183.0670, 18.7010,
21.8662

■ 33.2360, 15.6597,
17.3330

■ 210.7790, 18.8430,
22.9958

■ 14.4700, 14.0653,
15.3738

■ 233.2810, 10.7075,
19.0476

■ 2.9810, 8.8834,
-2.6143

■ 250.3040, 2.3151,
4.1184

■ 0.0000, 0.0000,
0.0000

104.3010, 17.1066,
19.9070

104.3010, 17.1066,
19.9070

95.1860, 21.6003,
25.2699

113.4160, 12.6129,
14.5442

86.0710, 26.0940,
30.6327

122.5310, 8.1192,
9.1813

76.9560, 30.5877,
35.9956

131.6460, 3.6255,
3.8185

67.5420, 35.2288,
40.7437

141.0600, -1.0156,
-0.9296

59.0140, 39.4331,
45.5917

150.1750, -5.5093,
-6.2925

49.8990, 43.9268,
50.9546

158.7030, -9.7136,
-11.1405

48.1380, 44.7950,
52.4990

167.8180,
-14.2073, -16.5034

176.9330,

-18.7010, -21.8662

 186.0480,
-23.1947, -27.2291

Harmonies

Analogous

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



100.7360, 27.2452, -12.0465



104.3010, 17.1066, 19.9070



103.4040, 4.2378, 40.8647

Triad

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



104.3010, 17.1066, 19.9070



99.2270, -27.7199, 24.3569



81.7720, 18.8464, -71.7140

Complementary

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



104.3010, 17.1066, 19.9070



120.6990, -17.1066, -19.9070

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.



77.7650, 6.0319, -68.1999



104.3010, 17.1066, 19.9070



96.2520, -25.7602, 2.4100

Square

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



104.3010, 17.1066, 19.9070



100.4600, -20.9328, 40.8156



92.5460, -15.0592, -23.2808



82.8610, 30.6345, -72.6691

Rectangle

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



104.3010, 17.1066, 19.9070



101.5590, -4.2196, 46.8678



92.5460, -15.0592, -23.2808



80.6320, 14.4784, -70.7143

Sweetspot

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



104.3010, 17.1066, 19.9070



168.0640, 6.3774, 7.8369



99.0860, 19.6776, -11.4764



84.0590, 3.9149, 4.3333



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



104.3010, 17.1066, 19.9070



126.5980, 26.8202, 31.0476



106.2930, 9.2226, 28.6840



64.2930, 2.3206, 2.3740



45.9590, 42.9112, 50.0250



1.7660, 1.5944, 1.9592

Inverse Universe

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



103.2150, -2.5710, 31.3834



124.9830, -3.9356, 49.1269



118.7070, -9.2226, -28.6840



64.3210, -0.1583, 4.1035



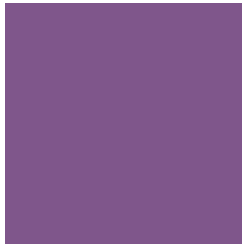
43.1870, -6.5012, 78.7660



1.6090, -0.3002, 2.9739

Previews

White Background



This preview shows how the YUV color 104.3010, 17.1066, 19.9070 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 104.3010, 17.1066, 19.9070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

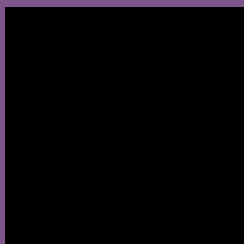
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 104.3010, 17.1066, 19.9070

Background



This preview shows how black text looks on a background with the YUV color 104.3010, 17.1066, 19.9070.



This preview shows how white text looks on a background with the YUV color 104.3010, 17.1066,

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

104.3010, 17.1066, 19.9070

Protanopia

101.2150, 24.0510, -14.2206

Deuteranopia

101.7120, 16.9040, -8.5174



Tritanopia

103.1700, -1.0698, 16.5139

Trichromacy



Original Color

104.3010, 17.1066, 19.9070

Protanomaly

102.3090, 21.5397, -2.0250

Deuteranomaly

102.7780, 16.8714, 1.9487

Tritanomaly

103.6030, 5.6187, 17.8882

Monochromacy



Original Color

104.3010, 17.1066, 19.9070

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.7650, 6.5249, 7.2221

CSS Examples

Text

The CSS property to change the color of the text to YUV 104.3010, 17.1066, 19.9070 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(127, 86, 139)` looks like.

```
.text, #text, p{  
    color:rgb(127, 86, 139)  
}
```

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(127, 86, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 86, 139) }
```

Border

The CSS property to change the border of an element to YUV 104.3010, 17.1066, 19.9070 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(127, 86, 139) }
```


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

```
.border{ border-color:rgb(127, 86, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 86, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 86, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 86, 139);  
box-shadow:4px 4px 4px 4px rgb(127, 86,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 104.3010, 17.1066, 19.9070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 86, 139) }
```

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

```
.background{ background-color: rgb(127, 86,  
139) }
```

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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