

Converting Colors

YUV(96.6340, 12.0124, 20.4920)

Have a look what the booklet for
YUV(96.6340, 12.0124, 20.4920)
contains.

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Color

**YUV(96.6340, 12.0124,
20.4920)**

Conversions

Conversions Part 1

Format	Color
Hex	785079
RGB	120, 80, 121
RGB Percent	47%, 31%, 47%
CMY	0.5294, 0.6863, 0.5255
CMYK	0.01, 0.34, 0.00, 0.53
HSL	299°, 20%, 39%
HSV	299°, 34%, 47%
XYZ	14.0656, 11.1109, 19.4924
YIQ	96.6340, 10.6790, 21.2310

Conversions

Conversions Part 2

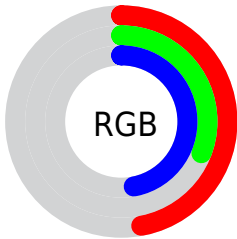
Format	Color
R _Y B	120, 80, 121
Decimal	7884921
CIE Lab	39.77, 24.10, -16.57
CIE LCh	40, 29.244, 325.486
Yxy	11.1109, 0.3149, 0.2487
Android (android.graphics.Color)	4286075001 (0xFF785079)
YUV	96.6340, 12.0124, 20.4920
Hunter-Lab	33.3330, 16.9893, -11.3385

Details

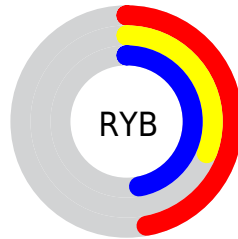
The YUV color **96.6340, 12.0124, 20.4920** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **104.3660, -12.0124, -20.4920**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.7590, 12.4438, 22.1364**, and **49.0960, 11.2917, 18.3328** is the 20% darker color. If you saturate the color by 10%, you get **89.5900, 15.4851, 26.6696**, and if you desaturate by 10%, it is **103.6780, 8.5397, 14.3144**.

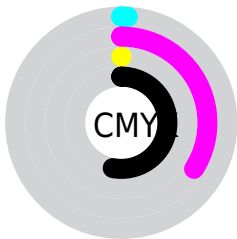
Distribution



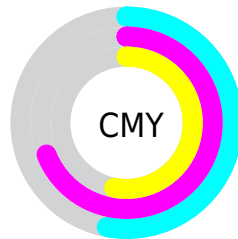
- Red (47%)
- Green (31%)
- Blue (47%)



- Red (47%)
- Yellow (31%)
- Blue (47%)



- Cyan (1%)
- Magenta (34%)
- Yellow (0%)
- Black (53%)



- Cyan (53%)
- Magenta (69%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 96.6340, 12.0124, 20.4920 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 96.6340, 12.0124, 20.4920 by changing the saturation by 10% instead.

■ 96.6340, 12.0124,
20.4920

■ 96.6340, 12.0124,
20.4920

■ 255.0000, 0.0000,
0.0000

■ 72.2210, 11.7230,
19.9772

■ 147.7590, 12.4438,
22.1364

■ 49.0960, 11.2917,
18.3328

■ 174.5850, 13.0226,
23.1660

■ 26.7970, 11.4391,
17.7180

■ 201.9980, 13.3120,
23.6808

■ 11.9770, 8.3923,
14.9292

■ 229.1720, 12.7332,
22.6512

■ 0.0000, 0.0000,
0.0000

■ 245.6080, 4.6303,
8.2368

96.6340, 12.0124,
20.4920

96.6340, 12.0124,
20.4920

89.5900, 15.4851,
26.6696

103.6780, 8.5397,
14.3144

82.2470, 19.1052,
32.2324

111.0210, 4.9196,
8.7516

75.2030, 22.5779,
38.4100

118.0650, 1.4470,
2.5740

68.1590, 26.0506,
44.5876

125.1090, -2.0257,
-3.6036

60.5280, 29.8127,
51.2799

132.1530, -5.4984,
-9.7812

53.1850, 33.4328,
56.8428


140.0830, -9.4079,
-15.8588

49.0760, 35.4585,
60.4463

147.1270,
-12.8806, -22.0364

154.1710,

-16.3533, -28.2140

 161.5140,
-19.9734, -33.7768

Harmonies

Analogous

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



94.7710, 20.8189, -4.1842



96.6340, 12.0124, 20.4920



95.8610, 1.0545, 35.2019

Triad

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



96.6340, 12.0124, 20.4920



92.0350, -23.1883, 17.5093



75.1040, 18.6827, -65.8662

Complementary

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



96.6340, 12.0124, 20.4920



104.3660, -12.0124, -20.4920

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.



77.1520, 5.8411, -53.6303



96.6340, 12.0124, 20.4920



89.4240, -19.9290, -1.2488

Square

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



96.6340, 12.0124, 20.4920



93.8610, -19.1585, 31.6939



85.6260, -9.6756, -23.3510



75.5090, 27.8501, -66.2214

Rectangle

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



96.6340, 12.0124, 20.4920



94.9340, -6.3765, 38.6459



85.6260, -9.6756, -23.3510



74.3060, 15.6251, -65.1664

Sweetspot

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



96.6340, 12.0124, 20.4920



148.6080, 4.6303, 8.2368



85.2610, 17.6193, -4.6139



73.7170, 2.6045, 4.6332



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



96.6340, 12.0124, 20.4920



119.5460, 18.9578, 32.8472



94.7670, 3.5659, 23.0063



57.4780, 1.7363, 3.0888



50.7280, 36.6161, 62.5055



102.2820, 73.8110, 126.0407

Inverse Universe

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



92.3730, -5.6069, 25.1059



112.6630, -8.7079, 39.7605



106.2330, -3.5659, -23.0063



56.7940, -0.8844, 3.6887



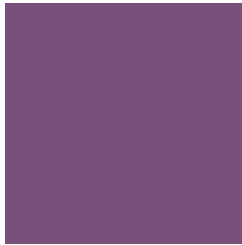
37.7170, -17.1155, 76.5472



76.0320, -34.5258, 154.3239

Previews

White Background



This preview shows how the YUV color 96.6340, 12.0124, 20.4920 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 96.6340, 12.0124, 20.4920 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 96.6340, 12.0124, 20.4920

Background



This preview shows how black text looks on a background with the YUV color 96.6340, 12.0124, 20.4920.



This preview shows how white text looks on a background with the YUV color 96.6340, 12.0124,

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

96.6340, 12.0124, 20.4920

Protanopia

94.3420, 18.0724, -9.9469

Deuteranopia

94.4800, 12.0884, -3.9290



Tritanopia

95.6540, -1.8014, 17.8434

Trichromacy



Original Color

96.6340, 12.0124, 20.4920

Protanomaly

94.8380, 15.8559, 1.0191

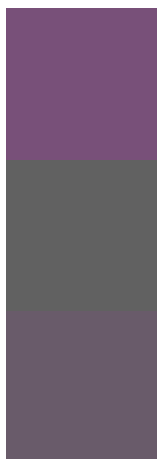
Deuteranomaly

95.5350, 12.0612, 4.7928

Tritanomaly

96.0330, 3.4347, 18.3881

Monochromacy



Original Color

96.6340, 12.0124, 20.4920

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

96.8960, 4.4883, 7.1072

CSS Examples

Text

The CSS property to change the color of the text to YUV 96.6340, 12.0124, 20.4920 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(120, 80, 121)` looks like.

```
.text, #text, p{  
    color:rgb(120, 80, 121)  
}
```

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(120, 80, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 80, 121) }
```

Border

The CSS property to change the border of an element to YUV 96.6340, 12.0124, 20.4920 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(120, 80, 121) }
```


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

```
.border{ border-color:rgb(120, 80, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 80, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 80, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 80, 121);  
box-shadow:4px 4px 4px 4px rgb(120, 80,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 96.6340, 12.0124, 20.4920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 80, 121) }
```

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

```
.background{ background-color: rgb(120, 80,  
121) }
```

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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