

Converting Colors

YUV(101.7720, 19.3394, 3.7080)

Have a look what the booklet for
YUV(101.7720, 19.3394, 3.7080)
contains.

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Color

**YUV(101.7720, 19.3394,
3.7080)**

Conversions

Conversions Part 1

Format	Color
Hex	6A5C8D
RGB	106, 92, 141
RGB Percent	42%, 36%, 55%
CMY	0.5843, 0.6392, 0.4471
CMYK	0.25, 0.35, 0.00, 0.45
HSL	257°, 21%, 46%
HSV	257°, 35%, 55%
XYZ	14.5787, 12.6416, 26.8710
YIQ	101.7720, -7.3850, 18.2070

Conversions

Conversions Part 2

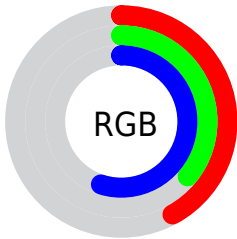
Format	Color
R_{YB}	106, 92, 141
Decimal	6970509
CIE _{Lab}	42.22, 16.71, -25.07
CIE _{LCh}	42, 30.131, 303.677
Yxy	12.6416, 0.2695, 0.2337
Android (android.graphics.Color)	4285160589 (0xFF6A5C8D)
YUV	101.7720, 19.3394, 3.7080
Hunter-Lab	35.5550, 10.9698, -19.9205

Details

The YUV color **101.7720, 19.3394, 3.7080** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **131.2280, -19.3394, -3.7080**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.8260, 20.7918, 4.5376**, and **54.4190, 18.0344, 2.2635** is the 20% darker color. If you saturate the color by 10%, you get **90.5640, 24.8649, 4.7674**, and if you desaturate by 10%, it is **112.9800, 13.8139, 2.6485**.

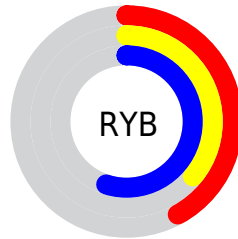
Distribution



Red (42%)

Green (36%)

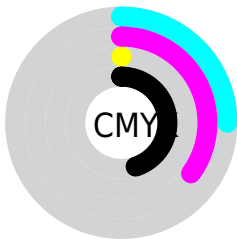
Blue (55%)



Red (42%)

Yellow (36%)

Blue (55%)

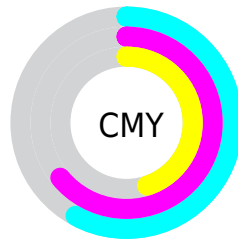


Cyan (25%)

Magenta (35%)

Yellow (0%)

Black (45%)



Cyan (58%)

Magenta (64%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 101.7720, 19.3394, 3.7080 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 101.7720, 19.3394, 3.7080 by changing the saturation by 10% instead.

■ 101.7720, 19.3394,
3.7080

■ 101.7720, 19.3394,
3.7080

■ 255.0000, 0.0000,
0.0000

■ 77.2450, 18.6132,
3.2931

■ 152.8260, 20.7918,
4.5376

■ 54.4190, 18.0344,
2.2635

■ 179.9400, 21.2286,
4.4376

■ 32.4790, 17.0189,
1.3339

■ 207.4670, 21.9548,
4.8524

■ 9.6150, 17.4448,
4.7226

■ 232.9160, 10.8874,
7.9667

■ 3.2090, 9.7570,
-2.8143

■ 253.8260, 0.5788,
1.0296

■ 0.0000, 0.0000,
0.0000

101.7720, 19.3394,
3.7080

101.7720, 19.3394,
3.7080

90.5640, 24.8649,
4.7674

112.9800, 13.8139,
2.6485

79.3560, 30.3905,
5.8268

124.1880, 8.2883,
1.5891

68.1480, 35.9160,
6.8862

135.3960, 2.7628,
0.5297

56.9400, 41.4416,
7.9456

146.6040, -2.7628,
-0.5297

45.1450, 47.2565,
9.5198

158.3990, -8.5777,
-2.1039

33.9370, 52.7821,
10.5793


169.6070,
-14.1033, -3.1633

28.0340, 55.6922,
10.4942

181.1140,
-19.7762, -3.6080

192.3220,

-25.3017, -4.6674

 203.5300,
-30.8273, -5.7268

Harmonies

Analogous

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



95.7080, 26.2730, -26.9309



101.7720, 19.3394, 3.7080



102.3960, 9.6648, 26.8397

Triad

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



101.7720, 19.3394, 3.7080



98.8670, -21.6264, 29.9346



77.9590, 11.8522, -68.3700

Complementary

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



101.7720, 19.3394, 3.7080



131.2280, -19.3394, -3.7080

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.



90.3800, -6.5963, -31.0283



101.7720, 19.3394, 3.7080



97.1870, -23.7562, 12.9910

Square

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



101.7720, 19.3394, 3.7080



100.3980, -13.5072, 39.1160



94.4340, -18.4550, -7.3966



80.1080, 22.6248, -70.2547

Rectangle

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



101.7720, 19.3394, 3.7080



101.8010, 2.0701, 36.1315



94.4340, -18.4550, -7.3966



83.8210, 4.5252, -51.5860

Sweetspot

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



101.7720, 19.3394, 3.7080



168.6610, 7.5621, 1.1743



118.1310, 11.2744, -22.9169



83.1510, 4.3626, 0.7446



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.



101.7720, 19.3394, 3.7080



121.7690, 30.6799, 6.3416



108.9480, 15.8016, 18.4626



65.3960, 2.7628, 0.5297



27.0510, 53.2189, 10.4793



1.5100, 3.1996, 0.4297

Inverse Universe

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



110.6410, 8.0650, 26.6248



135.7060, 12.9629, 42.3538



124.0520, -15.8016, -18.4626



66.6630, 1.1521, 3.8035



51.4230, 22.4695, 73.2970



2.9620, 1.0047, 4.4183

Previews

White Background



This preview shows how the YUV color 101.7720, 19.3394, 3.7080 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 101.7720, 19.3394, 3.7080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

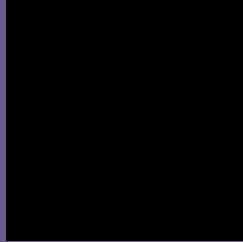
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 101.7720, 19.3394, 3.7080

Background



This preview shows how black text looks on a background with the YUV color 101.7720, 19.3394, 3.7080.

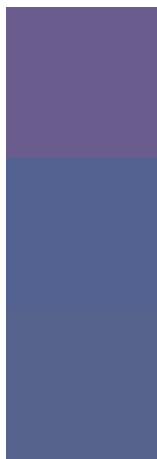


This preview shows how white text looks on a background with the YUV color 101.7720, 19.3394,

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

101.7720, 19.3394, 3.7080

Protanopia

99.2860, 23.0300, -13.4058

Deuteranopia

99.7870, 19.8250, -12.0912



Tritanopia

100.2110, 3.3470, -0.1850

Trichromacy



Original Color

101.7720, 19.3394, 3.7080

Protanomaly

100.2760, 21.5559, -7.2581

Deuteranomaly

100.1190, 19.6613, -6.2434

Tritanomaly

100.4160, 9.1619, 1.3892

Monochromacy



Original Color

101.7720, 19.3394, 3.7080

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

101.5470, 7.1253, 1.2743

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.7720, 19.3394, 3.7080 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(106, 92, 141)` looks like.

```
.text, #text, p{  
    color:rgb(106, 92, 141)  
}
```

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(106, 92, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 92, 141) }
```

Border

The CSS property to change the border of an element to YUV 101.7720, 19.3394, 3.7080 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(106, 92, 141) }
```


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

```
.border{ border-color:rgb(106, 92, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 92, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 92, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 92, 141);  
box-shadow:4px 4px 4px 4px rgb(106, 92,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 101.7720, 19.3394, 3.7080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 92, 141) }
```

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

```
.background{ background-color: rgb(106, 92,  
141) }
```

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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