

Converting Colors

YUV(97.2070, 19.6179, 7.7115)

Have a look what the booklet for
YUV(97.2070, 19.6179, 7.7115)
contains.

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Color

**YUV(97.2070, 19.6179,
7.7115)**

Conversions

Conversions Part 1

Format	Color
Hex	6A5589
RGB	106, 85, 137
RGB Percent	42%, 33%, 54%
CMY	0.5843, 0.6667, 0.4627
CMYK	0.23, 0.38, 0.00, 0.46
HSL	264°, 23%, 44%
HSV	264°, 38%, 54%
XYZ	13.7077, 11.3673, 25.1385
YIQ	97.2070, -4.1760, 20.6240

Conversions

Conversions Part 2

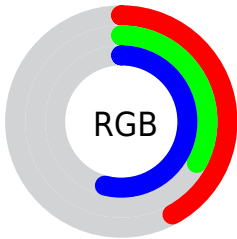
Format	Color
R_{YB}	106, 85, 137
Decimal	6968713
CIE _{Lab}	40.19, 20.00, -25.81
CIE _{LCh}	40, 32.652, 307.770
Yxy	11.3673, 0.2730, 0.2264
Android (android.graphics.Color)	4285158793 (0xFF6A5589)
YUV	97.2070, 19.6179, 7.7115
Hunter-Lab	33.7154, 13.5708, -20.6064

Details

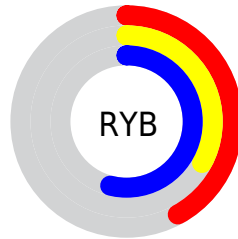
The YUV color **97.2070, 19.6179, 7.7115** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **124.7930, -19.6179, -7.7115**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.2610, 21.0703, 8.5411**, and **49.8540, 18.3130, 6.2670** is the 20% darker color. If you saturate the color by 10%, you get **86.5970, 24.8487, 10.0004**, and if you desaturate by 10%, it is **107.8170, 14.3872, 5.4225**.

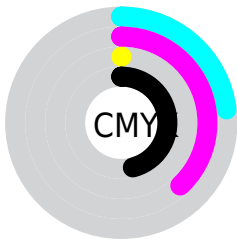
Distribution



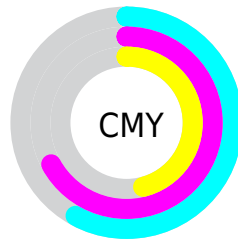
- Red (42%)
- Green (33%)
- Blue (54%)



- Red (42%)
- Yellow (33%)
- Blue (54%)



- Cyan (23%)
- Magenta (38%)
- Yellow (0%)
- Black (46%)



- Cyan (58%)
- Magenta (67%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.2070, 19.6179, 7.7115 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 97.2070, 19.6179, 7.7115 by changing the saturation by 10% instead.

■ 97.2070, 19.6179,
7.7115

■ 97.2070, 19.6179,
7.7115

■ 255.0000, 0.0000,
0.0000

■ 73.2670, 18.6024,
6.7818

■ 148.2610, 21.0703,
8.5411

■ 49.8540, 18.3130,
6.2670

■ 175.0870, 21.6491,
9.5707

■ 28.5010, 17.0080,
4.8226

■ 202.2010, 22.0859,
9.4707

■ 9.7570, 15.4028,
6.3521

■ 228.2200, 13.2025,
12.0851

■ 2.7530, 8.0098,
-2.4144

■ 249.1300, 2.8939,
5.1480

■ 0.0000, 0.0000,
0.0000

■ 97.2070, 19.6179,
7.7115

■ 97.2070, 19.6179,
7.7115

■ 86.5970, 24.8487,
10.0004

■ 107.8170, 14.3872,
5.4225

■ 76.5740, 29.7900,
11.7746

■ 117.8400, 9.4459,
3.6483

■ 65.6650, 35.1682,
13.4488

■ 128.7490, 4.0677,
1.9741

■ 55.0550, 40.3989,
15.7378

■ 139.3590, -1.1630,
-0.3148

■ 44.4450, 45.6296,
18.0267

■ 149.9690, -6.3937,
-2.6038

■ 34.4220, 50.5710,
19.8009


■ 159.9920,
-11.3351, -4.3780

■ 32.0630, 51.7339,
20.1157

■ 170.6020,
-16.5658, -6.6670

■ 181.2120,

-21.7965, -8.9559

 191.5340,
-26.8853, -10.1153

Harmonies

Analogous

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



91.0610, 27.5779, -25.4865



97.2070, 19.6179, 7.7115



97.4890, 8.6329, 31.1431

Triad

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



97.2070, 19.6179, 7.7115



93.5850, -23.9524, 29.3050



74.9100, 12.8624, -65.6961

Complementary

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



97.2070, 19.6179, 7.7115



124.7930, -19.6179, -7.7115

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.



82.6070, -4.2433, -39.1203



97.2070, 19.6179, 7.7115



91.4210, -25.3506, 11.0318

Square

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



97.2070, 19.6179, 7.7115



94.8390, -15.6966, 41.3602



88.7000, -18.5861, -12.0149



77.2870, 24.5085, -67.7807

Rectangle

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



97.2070, 19.6179, 7.7115



96.1930, 0.8909, 41.0497



88.7000, -18.5861, -12.0149



73.8840, 8.9312, -64.7963

Sweetspot

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



97.2070, 19.6179, 7.7115



163.6720, 7.5567, 2.9187



109.1250, 13.7424, -21.1576



80.4500, 4.2151, 1.3593



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



97.2070, 19.6179, 7.7115



115.6280, 31.2424, 12.6042



104.9810, 15.7854, 23.6957



63.6950, 2.6154, 1.1445



31.3080, 50.1342, 19.9009



1.1680, 1.8892, 0.7297

Inverse Universe

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



104.0820, 5.8756, 28.8691



126.4030, 9.1683, 46.1276



117.0190, -15.7854, -23.6957



64.5490, 0.7153, 3.9035



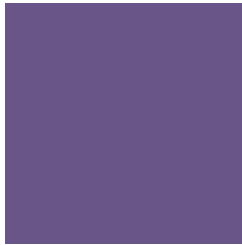
48.7730, 14.9019, 73.8671



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 97.2070, 19.6179, 7.7115 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 97.2070, 19.6179, 7.7115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

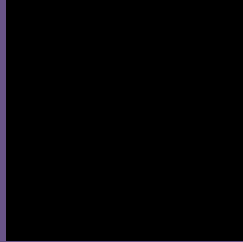
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 97.2070, 19.6179, 7.7115

Background



This preview shows how black text looks on a background with the YUV color 97.2070, 19.6179, 7.7115.



This preview shows how white text looks on a background with the YUV color 97.2070, 19.6179,

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

97.2070, 19.6179, 7.7115

Protanopia

94.0300, 24.6352, -14.9353

Deuteranopia

94.4880, 19.9724, -12.7060



Tritanopia

95.5920, 2.1731, 2.9888

Trichromacy



Original Color

97.2070, 19.6179, 7.7115

Protanomaly

95.2160, 22.5715, -6.3284

Deuteranomaly

95.5320, 19.9507, -5.7286

Tritanomaly

96.2100, 8.2775, 5.0778

Monochromacy



Original Color

97.2070, 19.6179, 7.7115

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.2590, 7.2673, 2.4039

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.2070, 19.6179, 7.7115 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, 85, 137)` looks like.

```
.text, #text, p{  
    color:rgb(106, 85, 137)  
}
```

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, 85, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 85, 137) }
```

Border

The CSS property to change the border of an element to YUV 97.2070, 19.6179, 7.7115 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, 85, 137) }
```


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

```
.border{ border-color:rgb(106, 85, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 85, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 85, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 85, 137);  
box-shadow:4px 4px 4px 4px rgb(106, 85,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 97.2070, 19.6179, 7.7115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 85, 137) }
```

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

```
.background{ background-color: rgb(106, 85,  
137) }
```

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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