

Converting Colors

YUV(98.8070, 9.4621, -1.5847)

Have a look what the booklet for
YUV(98.8070, 9.4621, -1.5847)
contains.

YUV(98.8070, 9.4621, -1.5847)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(98.8070, 9.4621,
-1.5847)**

Conversions

Conversions Part 1

Format	Color
Hex	616076
RGB	97, 96, 118
RGB Percent	38%, 38%, 46%
CMY	0.6196, 0.6235, 0.5373
CMYK	0.18, 0.19, 0.00, 0.54
HSL	243°, 10%, 42%
HSV	243°, 19%, 46%
XYZ	12.3827, 12.2151, 18.8447
YIQ	98.8070, -6.4660, 7.0540

Conversions

Conversions Part 2

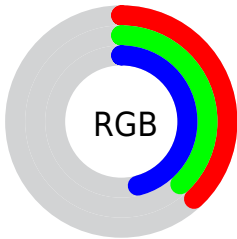
Format	Color
R_{YB}	97, 96, 118
Decimal	6381686
CIE Lab	41.56, 5.38, -12.22
CIE LCh	42, 13.356, 293.777
Yxy	12.2151, 0.2850, 0.2812
Android (android.graphics.Color)	4284571766 (0xFF616076)
YUV	98.8070, 9.4621, -1.5847
Hunter-Lab	34.9502, 2.0788, -7.5033

Details

The YUV color **98.8070, 9.4621, -1.5847** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **115.1930, -9.4621, 1.5847**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.3340, 10.1883, -1.1699**, and **52.2800, 8.7360, -1.9996** is the 20% darker color. If you saturate the color by 10%, you get **88.4740, 14.5563, -2.1697**, and if you desaturate by 10%, it is **109.1400, 4.3680, -0.9998**.

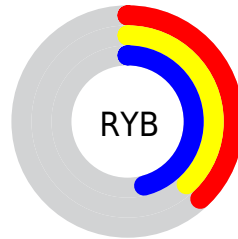
Distribution



Red (38%)

Green (38%)

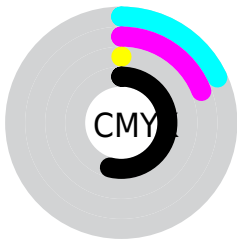
Blue (46%)



Red (38%)

Yellow (38%)

Blue (46%)

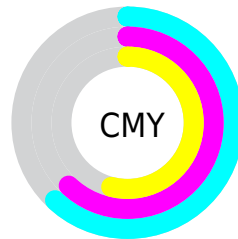


Cyan (18%)

Magenta (19%)

Yellow (0%)

Black (54%)



Cyan (62%)

Magenta (62%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.8070, 9.4621, -1.5847 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 98.8070, 9.4621, -1.5847 by changing the saturation by 10% instead.

■ 98.8070, 9.4621,
-1.5847

■ 98.8070, 9.4621,
-1.5847

255.0000, 0.0000,
0.0000

■ 74.6930, 9.0254,
-1.4848

■ 149.3340, 10.1883,
-1.1699

■ 52.2800, 8.7360,
-1.9996

■ 176.3340, 10.1883,
-1.1699

■ 31.0520, 7.8624,
-1.7996

■ 203.4480, 10.6251,
-1.2699

■ 6.6330, 10.0409,
-0.5551

■ 231.5620, 11.0619,
-1.3699

■ 0.0000, 0.0000,
0.0000

■ 98.8070, 9.4621,

■ 98.8070, 9.4621,

-1.5847

-1.5847

88.4740, 14.5563,
-2.1697

109.1400, 4.3680,
-0.9998

77.8420, 19.7979,
-3.3694

119.7720, -0.8736,
0.2000

68.0960, 24.6027,
-4.4692

129.5180, -5.6784,
1.2997

57.7630, 29.6968,
-5.0542

139.8510,
-10.7725, 1.8847

47.4300, 34.7910,
-5.6391

150.1840,
-15.8667, 2.4696

36.7980, 40.0326,
-6.8388

160.8160,
-21.1083, 3.6694

26.4650, 45.1268,
-7.4238

171.1490,
-26.2025, 4.2543

16.7190, 49.9315,
-8.5236

180.8950,
-31.0072, 5.3541

■ 14.9470, 50.8051,
-8.7235

■ 191.2280,
-36.1014, 5.9390

Harmonies

Analogous

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



96.8980, 11.3893, -13.0655



98.8070, 9.4621, -1.5847



100.1350, 5.3564, 8.6516

Triad

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



98.8070, 9.4621, -1.5847



98.8080, -8.7793, 15.9544



94.0040, 0.4910, -17.5435

Complementary

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



98.8070, 9.4621, -1.5847



115.1930, -9.4621, 1.5847

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.



95.5660, -5.2090, -9.2664



98.8070, 9.4621, -1.5847



97.6070, -10.6523, 9.9917

Square

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



98.8070, 9.4621, -1.5847



99.8560, -4.8590, 18.5433



96.5950, -9.1673, 0.3552



93.4640, 6.1802, -22.3319

Rectangle

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



98.8070, 9.4621, -1.5847



99.9570, 1.9932, 14.0697



96.5950, -9.1673, 0.3552



94.5590, -1.2616, -15.3992

Sweetspot

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



98.8070, 9.4621, -1.5847



145.0260, 3.9312, -0.8998



110.8350, 3.5323, -13.0103



71.6840, 2.6208, -0.5999



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



98.8070, 9.4621, -1.5847



123.4740, 14.5563, -2.1697



102.0960, 7.8407, 5.1778



53.6840, 2.6208, -0.5999



15.7020, 52.4049, -8.5087



31.7890, 107.5780, -18.2320

Inverse Universe

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



104.9720, 5.9298, 11.4256



132.8140, 8.9657, 17.7031



111.9040, -7.8407, -5.1778



55.3640, 1.2995, 3.1888



49.8160, 33.1217, 63.3054



101.9960, 67.5430, 129.7995

Previews

White Background



This preview shows how the YUV color 98.8070, 9.4621, -1.5847 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 98.8070, 9.4621, -1.5847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

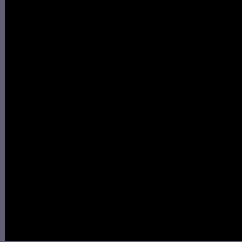
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.8070, 9.4621, -1.5847

Background



This preview shows how black text looks on a background with the YUV color 98.8070, 9.4621, -1.5847.



This preview shows how white text looks on a background with the YUV color 98.8070, 9.4621, -1.5847.

-1.5847.

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

98.8070, 9.4621, -1.5847

Protanopia

98.3120, 10.1992, -4.6586

Deuteranopia

99.1060, 9.3147, -0.9700



Tritanopia

98.0150, 3.9366, -2.6442

Trichromacy



Original Color

98.8070, 9.4621, -1.5847

Protanomaly

98.6110, 10.0518, -4.0438

Deuteranomaly

99.1060, 9.3147, -0.9700

Tritanomaly

98.1830, 5.8258, -1.9145

Monochromacy



Original Color

98.8070, 9.4621, -1.5847

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.9120, 3.4944, -0.7998

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.8070, 9.4621, -1.5847 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(97, 96, 118)` looks like.

```
.text, #text, p{  
    color:rgb(97, 96, 118)  
}
```

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(97, 96, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 96, 118) }
```

Border

The CSS property to change the border of an element to YUV 98.8070, 9.4621, -1.5847 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(97, 96, 118) }
```


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

```
.border{ border-color:rgb(97, 96, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 96, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 96, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 96, 118);  
box-shadow:4px 4px 4px 4px rgb(97, 96,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 98.8070, 9.4621, -1.5847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 96, 118) }
```

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

```
.background{ background-color: rgb(97, 96,  
118) }
```

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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