

Converting Colors

YUV(146.9760, 9.8718, 7.0370)

Have a look what the booklet for
YUV(146.9760, 9.8718, 7.0370)
contains.

YUV(146.9760, 9.8718, 7.0370)	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(146.9760, 9.8718,
7.0370)**

Conversions

Conversions Part 1

Format	Color
Hex	9B8BA7
RGB	155, 139, 167
RGB Percent	61%, 55%, 65%
CMY	0.3922, 0.4549, 0.3451
CMYK	0.07, 0.17, 0.00, 0.35
HSL	274°, 14%, 60%
HSV	274°, 17%, 65%
XYZ	29.7252, 28.2238, 40.4403
YIQ	146.9760, 0.5480, 12.1000

Conversions

Conversions Part 2

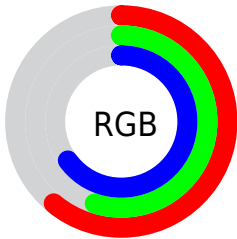
Format	Color
RYB	155, 139, 167
Decimal	10193831
CIELab	60.09, 11.41, -12.57
CIELCh	60, 16.981, 312.234
Yxy	28.2238, 0.3021, 0.2869
Android (android.graphics.Color)	4288383911 (0xFF9B8BA7)
YUV	146.9760, 9.8718, 7.0370
Hunter-Lab	53.1261, 6.9041, -7.9440

Details

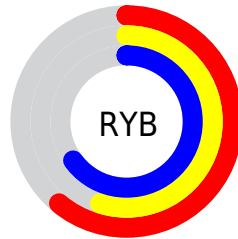
The YUV color **146.9760, 9.8718, 7.0370** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **159.0240, -9.8718, -7.0370**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.3890, 10.1612, 7.5518**, and **96.4490, 9.1456, 6.6222** is the 20% darker color. If you saturate the color by 10%, you get **134.9040, 15.8233, 11.4852**, and if you desaturate by 10%, it is **159.0480, 3.9203, 2.5889**.

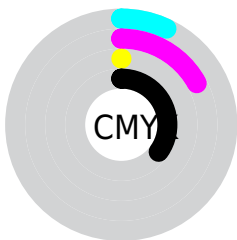
Distribution



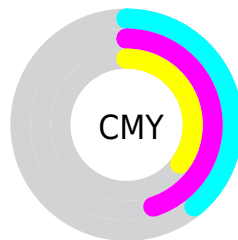
- Red (61%)
- Green (55%)
- Blue (65%)



- Red (61%)
- Yellow (55%)
- Blue (65%)



- Cyan (7%)
- Magenta (17%)
- Yellow (0%)
- Black (35%)



- Cyan (39%)
- Magenta (45%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.9760, 9.8718, 7.0370 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 146.9760, 9.8718, 7.0370 by changing the saturation by 10% instead.

■ 146.9760, 9.8718,
7.0370

■ 146.9760, 9.8718,
7.0370

■ 255.0000, 0.0000,
0.0000

■ 121.5630, 9.5824,
6.5222

■ 201.3890, 10.1612,
7.5518

■ 96.4490, 9.1456,
6.6222

■ 228.9160, 10.8874,
7.9667

■ 72.6230, 8.5669,
5.5926

■ 251.4780, 1.7363,
3.0888

■ 49.6230, 8.5669,
5.5926

■ 29.0960, 7.8407,
5.1778

■ 7.3350, 8.7088,
6.7222

■ 0.0000, 0.0000,

0.0000

146.9760, 9.8718,
7.0370

146.9760, 9.8718,
7.0370

134.9040, 15.8233,
11.4852

159.0480, 3.9203,
2.5889

123.4190, 21.4854,
15.4185

170.5330, -1.7418,
-1.3444

111.3470, 27.4369,
19.8667

182.6050, -7.6933,
-5.7926

98.9760, 33.5358,
23.7000

194.9760,
-13.7922, -9.6260

86.9040, 39.4873,
28.1482

206.4610,
-19.4543, -13.5593

75.4190, 45.1494,
32.0815

218.5330,
-25.4058, -18.0074

■ 63.3470, 51.1009,
36.5297

■ 230.0180,
-31.0679, -21.9408

■ 51.2750, 57.0524,
40.9778

■ 232.1110,
-32.0997, -17.6373

■ 47.4430, 58.9416,
41.7075

■ 234.2040,
-33.1316, -13.3339

Harmonies

Analogous

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



145.0280, 14.2832, -7.9176



146.9760, 9.8718, 7.0370



147.3320, 3.2873, 19.0028

Triad

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



146.9760, 9.8718, 7.0370



145.4400, -14.0209, 17.1541



138.7190, 6.0545, -28.6946

Complementary

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



146.9760, 9.8718, 7.0370



159.0240, -9.8718, -7.0370

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.



140.1840, -2.5557, -20.3324



146.9760, 9.8718, 7.0370



143.7760, -13.6936, 5.4584

Square

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



146.9760, 9.8718, 7.0370



146.1080, -10.4062, 24.4613



141.7250, -9.7244, -7.6518



139.3150, 12.1697, -30.0943

Rectangle

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



146.9760, 9.8718, 7.0370



147.3990, -1.6757, 24.2061



141.7250, -9.7244, -7.6518



138.9320, 2.9915, -26.2504

Sweetspot

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



146.9760, 9.8718, 7.0370



209.0480, 3.9203, 2.5889



149.2360, 8.7577, -8.9770



104.9940, 2.4680, 1.7593



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



146.9760, 9.8718, 7.0370



185.4910, 15.5339, 10.9704



150.3360, 7.2294, 14.6143



78.4070, 2.7573, 2.2741



42.2870, 52.1165, 37.4593



5.8680, 6.9671, 5.3778

Inverse Universe

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



148.7400, 1.1142, 16.0140



188.3220, 1.8133, 25.1506



155.6640, -7.2294, -14.6143



78.7340, 0.1311, 4.6183



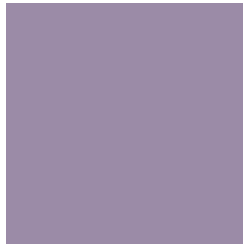
51.4340, 5.7020, 84.6884



7.0060, 0.9830, 11.3957

Previews

White Background



This preview shows how the YUV color 146.9760, 9.8718, 7.0370 looks on a white 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

Black Background



This preview shows how the YUV color 146.9760, 9.8718, 7.0370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

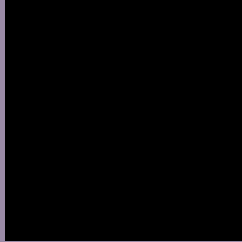
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 146.9760, 9.8718, 7.0370

Background



This preview shows how black text looks on a background with the YUV color 146.9760, 9.8718, 7.0370.



This preview shows how white text looks on a background with the YUV color 146.9760, 9.8718,

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

146.9760, 9.8718, 7.0370

Protanopia

145.7680, 11.9464, -5.0585

Deuteranopia

146.3560, 10.1775, 2.3188



Tritanopia

145.9560, 3.4727, 6.1776

Trichromacy



Original Color

146.9760, 9.8718, 7.0370

Protanomaly

145.9750, 11.3513, -0.8551

Deuteranomaly

146.3670, 10.1721, 4.0631

Tritanomaly

146.2380, 5.7987, 6.8073

Monochromacy



Original Color

146.9760, 9.8718, 7.0370

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

146.9340, 3.4835, 2.6889

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.9760, 9.8718, 7.0370 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(155, 139, 167)` looks like.

```
.text, #text, p{  
    color:rgb(155, 139, 167)  
}
```

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(155, 139, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 139, 167) }
```

Border

The CSS property to change the border of an element to YUV 146.9760, 9.8718, 7.0370 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(155, 139, 167) }
```


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

```
.border{ border-color:rgb(155, 139, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 139, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 139, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 139, 167);  
box-shadow:4px 4px 4px 4px rgb(155, 139,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 146.9760, 9.8718, 7.0370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 139, 167) }
```

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

```
.background{ background-color: rgb(155,  
139, 167) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor