

Converting Colors

YUV(98.7020, 12.4719, 59.8973)

Have a look what the booklet for
YUV(98.7020, 12.4719, 59.8973)
contains.

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Color

**YUV(98.7020, 12.4719,
59.8973)**

Conversions

Conversions Part 1

Format	Color
Hex	A73B7C
RGB	167, 59, 124
RGB Percent	65%, 23%, 49%
CMY	0.3451, 0.7686, 0.5137
CMYK	0.00, 0.65, 0.26, 0.35
HSL	324°, 48%, 44%
HSV	324°, 65%, 65%
XYZ	21.1384, 12.7987, 20.4251
YIQ	98.7020, 43.5030, 43.1110

Conversions

Conversions Part 2

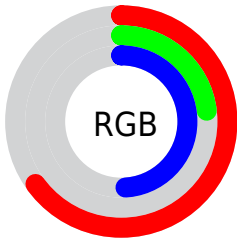
Format	Color
R_{YB}	167, 59, 124
Decimal	10959740
CIE _{Lab}	42.46, 50.96, -13.70
CIE _{LCh}	42, 52.768, 344.953
Yxy	12.7987, 0.3888, 0.2354
Android (android.graphics.Color)	4289149820 (0xFFA73B7C)
YUV	98.7020, 12.4719, 59.8973
Hunter-Lab	35.7752, 42.8632, -8.8076

Details

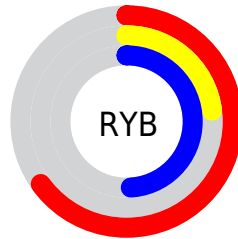
The YUV color **98.7020, 12.4719, 59.8973** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **127.2980, -12.4719, -59.8973**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.7840, 11.4455, 62.4564**, and **41.7390, 16.3977, 60.7419** is the 20% darker color. If you saturate the color by 10%, you get **87.9250, 14.3340, 69.3488**, and if you desaturate by 10%, it is **109.4790, 10.6099, 50.4459**.

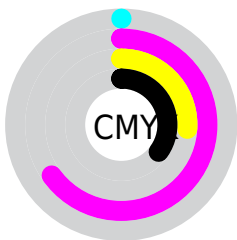
Distribution



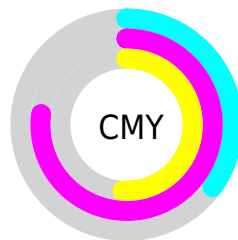
- Red (65%)
- Green (23%)
- Blue (49%)



- Red (65%)
- Yellow (23%)
- Blue (49%)



- Cyan (0%)
- Magenta (65%)
- Yellow (26%)
- Black (35%)



- Cyan (35%)
- Magenta (77%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.7020, 12.4719, 59.8973 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 98.7020, 12.4719, 59.8973 by changing the saturation by 10% instead.

■ 98.7020, 12.4719,
59.8973

■ 98.7020, 12.4719,
59.8973

255.0000, 0.0000,
0.0000

■ 70.4570, 14.0717,
60.1122

■ 153.7840, 11.4455,
62.4564

■ 41.7390, 16.3977,
60.7419

■ 181.6810, 11.0033,
64.3008

■ 31.0440, 10.3313,
46.4424

■ 201.3090, 15.1307,
47.0870

■ 21.1750, 4.8437,
33.1725

■ 220.3670, 17.0741,
30.3731

■ 9.9100, -3.4066,
19.3729

■ 237.3900, 8.6817,
15.4440

■ 0.0000, 0.0000,
0.0000

254.4130, 0.2894,

0.5148

■ 98.7020, 12.4719,
59.8973

■ 98.7020, 12.4719,
59.8973

■ 87.9250, 14.3340,
69.3488

■ 109.4790, 10.6099,
50.4459

■ 77.8490, 16.3434,
78.1854

■ 119.5550, 8.6004,
41.6093

■ 67.0720, 18.2055,
87.6369

■ 130.3320, 6.7383,
32.1578

■ 61.4470, 19.4996,
92.5700

■ 141.1090, 4.8763,
22.7064

■ 151.1850, 2.8668,
13.8698

■ 161.9620, 1.0047,
4.4183

■ 172.7390, -0.8573,
-5.0331

■ 183.4020, -3.1562,
-14.3846

■ 193.5920, -4.7289,
-23.3212

Harmonies

Analogous

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



102.8250, 29.1733, 22.9555



98.7020, 12.4719, 59.8973



95.2140, -7.5005, 72.6033

Triad

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



98.7020, 12.4719, 59.8973



91.5350, -45.1268, 7.4238



87.6200, 36.1763, -76.8427

Complementary

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



98.7020, 12.4719, 59.8973



127.2980, -12.4719, -59.8973

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.



84.2340, 18.1256, -73.8732



98.7020, 12.4719, 59.8973



85.0320, -25.6518, -32.4771

Square

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



98.7020, 12.4719, 59.8973



94.3910, -46.5348, 39.1221



78.5170, -1.2409, -68.8594



86.2470, 48.6852, -75.6386

Rectangle

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



98.7020, 12.4719, 59.8973



95.6250, -21.0141, 66.9809



78.5170, -1.2409, -68.8594



86.8390, 30.6454, -76.1578

Sweetspot

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



98.7020, 12.4719, 59.8973



190.9950, 4.4395, 22.8064



83.5710, 41.1305, 14.4082



93.5980, 3.1562, 14.3846



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.



98.7020, 12.4719, 59.8973



110.0450, 19.2048, 93.7995



92.7740, -10.2416, 65.0962



78.9620, 1.0047, 4.4183



54.3980, 17.0588, 82.0890



7.3480, 2.2934, 11.0958

Inverse Universe

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



98.7020, 12.4719, 59.8973



110.0450, 19.2048, 93.7995



133.2260, 10.2416, -65.0962



78.9620, 1.0047, 4.4183



54.3980, 17.0588, 82.0890



7.3480, 2.2934, 11.0958

Previews

White Background



This preview shows how the YUV color 98.7020, 12.4719, 59.8973 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 98.7020, 12.4719, 59.8973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

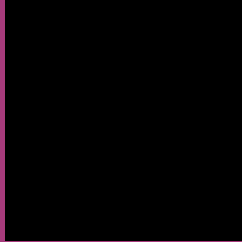
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.7020, 12.4719, 59.8973

Background



This preview shows how black text looks on a background with the YUV color 98.7020, 12.4719, 59.8973.



This preview shows how white text looks on a background with the YUV color 98.7020, 12.4719,

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

98.7020, 12.4719, 59.8973

Protanopia

100.1870, 26.5298, -15.9500

Deuteranopia

102.3620, 7.7095, 0.5595



Tritanopia

99.0780, -11.3775, 56.0596

Trichromacy



Original Color

98.7020, 12.4719, 59.8973

Protanomaly

99.3970, 21.4963, 11.9298

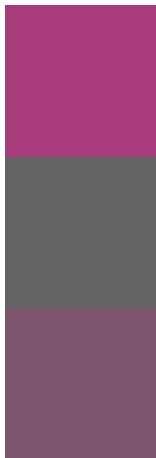
Deuteranomaly

100.6620, 9.5336, 22.2214

Tritanomaly

98.9670, -2.9417, 57.0339

Monochromacy



Original Color

98.7020, 12.4719, 59.8973

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

98.6960, 4.5869, 22.1916

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.7020, 12.4719, 59.8973 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(167, 59, 124)` looks like.

```
.text, #text, p{  
    color:rgb(167, 59, 124)  
}
```

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(167, 59, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 59, 124) }
```

Border

The CSS property to change the border of an element to YUV 98.7020, 12.4719, 59.8973 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(167, 59, 124) }
```


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

```
.border{ border-color:rgb(167, 59, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 59, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 59, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 59, 124);  
box-shadow:4px 4px 4px 4px rgb(167, 59,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 98.7020, 12.4719, 59.8973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 59, 124) }
```

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

```
.background{ background-color: rgb(167, 59,  
124) }
```

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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