

Converting Colors

YUV(112.9720, 9.3808, 24.5806)

Have a look what the booklet for
YUV(112.9720, 9.3808, 24.5806)
contains.

YUV(112.9720, 9.3808, 24.5806)	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(112.9720, 9.3808,
24.5806)**

Conversions

Conversions Part 1

Format	Color
Hex	8D5F84
RGB	141, 95, 132
RGB Percent	55%, 37%, 52%
CMY	0.4471, 0.6275, 0.4824
CMYK	0.00, 0.33, 0.06, 0.45
HSL	312°, 19%, 46%
HSV	312°, 33%, 55%
XYZ	19.2416, 15.5131, 23.8100
YIQ	112.9720, 15.5390, 21.2590

Conversions

Conversions Part 2

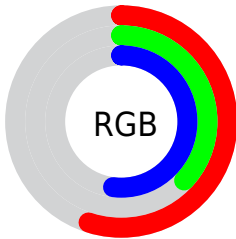
Format	Color
R_{YB}	141, 95, 132
Decimal	9265028
CIE _{Lab}	46.33, 24.93, -13.03
CIE _{LCh}	46, 28.127, 332.404
Yxy	15.5131, 0.3286, 0.2649
Android (android.graphics.Color)	4287455108 (0xFF8D5F84)
YUV	112.9720, 9.3808, 24.5806
Hunter-Lab	39.3866, 18.2760, -8.2713

Details

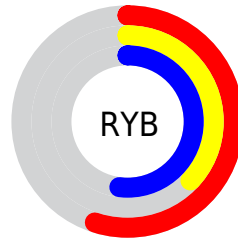
The YUV color **112.9720, 9.3808, 24.5806** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **123.0280, -9.3808, -24.5806**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.0970, 9.8122, 26.2249**, and **64.4340, 8.6600, 22.4214** is the 20% darker color. If you saturate the color by 10%, you get **104.4120, 12.1219, 32.0877**, and if you desaturate by 10%, it is **121.5320, 6.6397, 17.0734**.

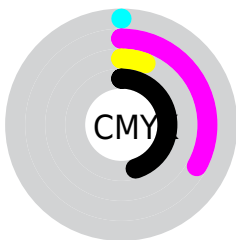
Distribution



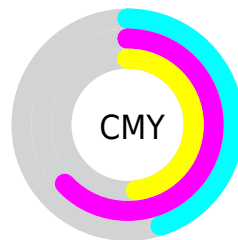
- Red (55%)
- Green (37%)
- Blue (52%)



- Red (55%)
- Yellow (37%)
- Blue (52%)



- Cyan (0%)
- Magenta (33%)
- Yellow (6%)
- Black (45%)



- Cyan (45%)
- Magenta (63%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.9720, 9.3808, 24.5806 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 112.9720, 9.3808, 24.5806 by changing the saturation by 10% instead.

 112.9720, 9.3808,
24.5806

 112.9720, 9.3808,
24.5806


255.0000, 0.0000,
0.0000


 88.2600, 9.2388,
23.4510


 165.0970, 9.8122,
26.2249

 64.4340, 8.6600,
22.4214


 192.8090, 9.9542,
27.3545


 41.1350, 8.8074,
21.8066

 220.2220, 10.2436,
27.8693

 18.9500, 9.3917,
21.0919

 239.7380, 7.5242,
13.3848

 6.3090, 4.7777,
7.6220

 0.0000, 0.0000,
0.0000

■ 112.9720, 9.3808,
24.5806

■ 112.9720, 9.3808,
24.5806

■ 104.4120, 12.1219,
32.0877

■ 121.5320, 6.6397,
17.0734

■ 95.8520, 14.8630,
39.5948

■ 130.0920, 3.8986,
9.5663

■ 87.4060, 18.0408,
47.0019

■ 138.5380, 0.7208,
2.1592

■ 78.8460, 20.7819,
54.5091

■ 147.0980, -2.0203,
-5.3479

■ 69.6990, 23.8124,
62.5310

■ 156.2450, -5.0508,
-13.3699

■ 61.1390, 26.5535,
70.0381


■ 164.8050, -7.7919,
-20.8770

■ 55.0410, 28.5738,
75.3860

■ 173.2510,
-10.9697, -28.2841

■ 181.8110,

-13.7108, -35.7912

 190.3710,
-16.4519, -43.2984

Harmonies

Analogous

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



111.9460, 18.7606, 2.6784



112.9720, 9.3808, 24.5806



111.8890, -1.4243, 36.9313

Triad

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



112.9720, 9.3808, 24.5806



107.8280, -22.5932, 13.3058



86.8900, 23.2252, -76.2025

Complementary

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



112.9720, 9.3808, 24.5806



123.0280, -9.3808, -24.5806

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.



95.0320, 7.8722, -51.7711



112.9720, 9.3808, 24.5806



105.5590, -18.0236, -5.7522

Square

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



112.9720, 9.3808, 24.5806



109.9100, -20.1686, 29.0199



101.2880, -7.0440, -27.4396



96.6460, 26.7965, -54.9405

Rectangle

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



112.9720, 9.3808, 24.5806



111.2500, -8.9972, 39.2458



101.2880, -7.0440, -27.4396



87.5870, 19.4306, -72.4288

Sweetspot

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



112.9720, 9.3808, 24.5806



172.3910, 3.7512, 10.1811



102.6360, 18.9135, 0.3192



85.3150, 2.3097, 5.8627



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.



112.9720, 9.3808, 24.5806



140.1400, 14.7210, 38.4652



110.4640, -0.2288, 26.7801



66.7770, 1.5889, 3.7036



52.7910, 27.7110, 72.0973



3.0760, 1.4415, 4.3183

Inverse Universe

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



112.9720, 9.3808, 24.5806



140.1400, 14.7210, 38.4652



125.5360, 0.2288, -26.7801



66.7770, 1.5889, 3.7036



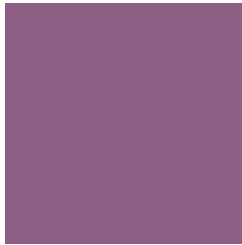
52.7910, 27.7110, 72.0973



3.0760, 1.4415, 4.3183

Previews

White Background



This preview shows how the YUV color 112.9720, 9.3808, 24.5806 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 112.9720, 9.3808, 24.5806 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 112.9720, 9.3808, 24.5806

Background



This preview shows how black text looks on a background with the YUV color 112.9720, 9.3808, 24.5806.



This preview shows how white text looks on a background with the YUV color 112.9720, 9.3808,

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

112.9720, 9.3808, 24.5806

Protanopia

110.6690, 15.4462, -7.6027

Deuteranopia

110.8180, 9.4567, 0.1596



Tritanopia

112.1600, -2.5439, 22.6617

Trichromacy



Original Color

112.9720, 9.3808, 24.5806

Protanomaly

111.4640, 13.0822, 3.9781

Deuteranomaly

111.8730, 9.4296, 8.8814

Tritanomaly

112.3110, 1.8187, 23.4063

Monochromacy



Original Color

112.9720, 9.3808, 24.5806

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.6790, 3.6093, 9.0515

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.9720, 9.3808, 24.5806 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(141, 95, 132)` looks like.

```
.text, #text, p{  
    color:rgb(141, 95, 132)  
}
```

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(141, 95, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 95, 132) }
```

Border

The CSS property to change the border of an element to YUV 112.9720, 9.3808, 24.5806 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(141, 95, 132) }
```


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

```
.border{ border-color:rgb(141, 95, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 95, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 95, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 95, 132);  
box-shadow:4px 4px 4px 4px rgb(141, 95,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 112.9720, 9.3808, 24.5806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 95, 132) }
```

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

```
.background{ background-color: rgb(141, 95,  
132) }
```

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