

Converting Colors

YUV(98.4110, 13.6014, 24.1956)

Have a look what the booklet for
YUV(98.4110, 13.6014, 24.1956)
contains.

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Color

**YUV(98.4110, 13.6014,
24.1956)**

Conversions

Conversions Part 1

Format	Color
Hex	7E4F7E
RGB	126, 79, 126
RGB Percent	49%, 31%, 49%
CMY	0.5059, 0.6902, 0.5059
CMYK	0.00, 0.37, 0.00, 0.51
HSL	300°, 23%, 40%
HSV	300°, 37%, 49%
XYZ	15.1661, 11.5339, 21.1656
YIQ	98.4110, 12.9250, 24.5810

Conversions

Conversions Part 2

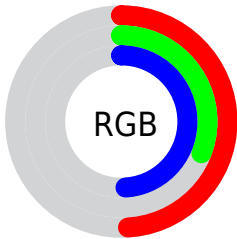
Format	Color
R_{YB}	126, 79, 126
Decimal	8277886
CIE _{Lab}	40.47, 27.81, -18.50
CIE _{LCh}	40, 33.401, 326.363
Yxy	11.5339, 0.3168, 0.2410
Android (android.graphics.Color)	4286467966 (0xFF7E4F7E)
YUV	98.4110, 13.6014, 24.1956
Hunter-Lab	33.9617, 20.2788, -13.1776

Details

The YUV color **98.4110, 13.6014, 24.1956** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **106.5890, -13.6014, -24.1956**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.9490, 14.3221, 26.3547**, and **50.2860, 13.1700, 22.5512** is the 20% darker color. If you saturate the color by 10%, you get **90.7800, 17.3635, 30.8879**, and if you desaturate by 10%, it is **106.0420, 9.8393, 17.5032**.

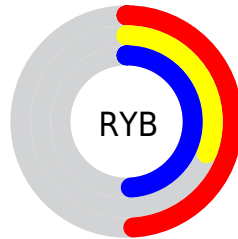
Distribution



Red (49%)

Green (31%)

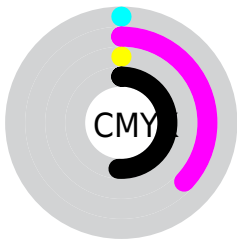
Blue (49%)



Red (49%)

Yellow (31%)

Blue (49%)

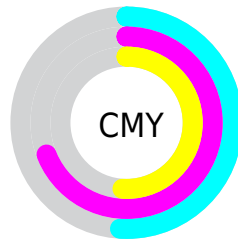


Cyan (0%)

Magenta (37%)

Yellow (0%)

Black (51%)



Cyan (51%)


Magenta (69%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YUV color 98.4110, 13.6014, 24.1956 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 98.4110, 13.6014, 24.1956 by changing the saturation by 10% instead.


 98.4110, 13.6014,
24.1956


 98.4110, 13.6014,
24.1956


255.0000, 0.0000,
0.0000

 73.6990, 13.4594,
23.0660


 149.9490, 14.3221,
26.3547


 50.2860, 13.1700,
22.5512


 176.9490, 14.3221,
26.3547


 26.9870, 13.3174,
21.9364

 204.7750, 14.9009,
27.3843

 13.9280, 9.4025,
17.6031

 228.5850, 13.0226,
23.1660

 0.5700, 2.1840,
-0.4999

 245.6080, 4.6303,
8.2368

 0.0000, 0.0000,
0.0000

■ 98.4110, 13.6014,
24.1956

■ 98.4110, 13.6014,
24.1956

■ 90.7800, 17.3635,
30.8879

■ 106.0420, 9.8393,
17.5032

■ 83.7360, 20.8362,
37.0655

■ 113.0860, 6.3666,
11.3256

■ 76.1050, 24.5982,
43.7579

■ 120.7170, 2.6045,
4.6332

■ 69.0610, 28.0709,
49.9355

■ 127.7610, -0.8682,
-1.5444

■ 61.4300, 31.8330,
56.6279

■ 135.3920, -4.6303,
-8.2368

■ 53.7990, 35.5951,
63.3203


■ 143.0230, -8.3923,
-14.9292

■ 52.0380, 36.4633,
64.8647

■ 150.0670,
-11.8650, -21.1068

■ 157.6980,

-15.6271, -27.7991

 164.7420,
-19.0998, -33.9767

Harmonies

Analogous

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



96.7540, 23.2923, -4.1693



98.4110, 13.6014, 24.1956



97.3070, 1.3276, 40.9498

Triad

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



98.4110, 13.6014, 24.1956



93.1230, -26.6826, 18.3091



77.5490, 20.4353, -68.0105

Complementary

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



98.4110, 13.6014, 24.1956



106.5890, -13.6014, -24.1956

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.



74.3570, 8.2050, -65.2111



98.4110, 13.6014, 24.1956



90.3160, -22.8338, -2.9081

Square

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



98.4110, 13.6014, 24.1956



94.7860, -22.0795, 35.2677



85.6640, -10.6804, -27.7693



78.1820, 30.4763, -68.5656

Rectangle

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



98.4110, 13.6014, 24.1956



96.0380, -7.4137, 44.6937



85.6640, -10.6804, -27.7693



76.5230, 16.5042, -67.1107

Sweetspot

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



98.4110, 13.6014, 24.1956



152.4340, 5.2090, 9.2664



84.3580, 20.5295, -4.6990



75.5430, 3.1833, 5.6628



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



98.4110, 13.6014, 24.1956



120.1490, 21.1255, 37.5803



95.7890, 3.5550, 26.4950



59.8910, 2.0257, 3.6036



52.8640, 37.0420, 65.8943



0.0000, 0.0000, 0.0000

Inverse Universe

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



98.4110, 13.6014, 24.1956



120.1490, 21.1255, 37.5803



109.3250, -3.1182, -26.5950



59.8910, 2.0257, 3.6036



52.8640, 37.0420, 65.8943



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 98.4110, 13.6014, 24.1956 looks on a white background.

Color Contrast Check

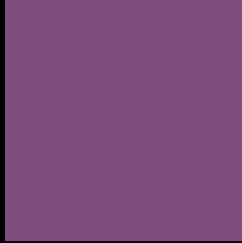
Large Text (above 18pt) WCAG AA ✓ Pass

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 98.4110, 13.6014, 24.1956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

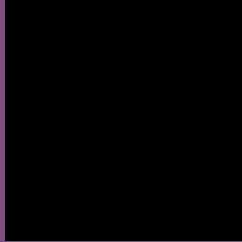
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 98.4110, 13.6014, 24.1956

Background



This preview shows how black text looks on a background with the YUV color 98.4110, 13.6014, 24.1956.



This preview shows how white text looks on a background with the YUV color 98.4110, 13.6014,

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

98.4110, 13.6014, 24.1956

Protanopia

95.4280, 20.9880, -11.7764

Deuteranopia

96.1100, 13.2568, -5.3585



Tritanopia

97.5620, -2.2491, 21.4321

Trichromacy



Original Color

98.4110, 13.6014, 24.1956

Protanomaly

96.8210, 18.3292, 1.0340

Deuteranomaly

97.1760, 13.2242, 5.1076

Tritanomaly

97.4680, 3.7133, 22.3916

Monochromacy



Original Color

98.4110, 13.6014, 24.1956

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.0210, 4.9196, 8.7516

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.4110, 13.6014, 24.1956 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(126, 79, 126)` looks like.

```
.text, #text, p{  
    color:rgb(126, 79, 126)  
}
```

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(126, 79, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 79, 126) }
```

Border

The CSS property to change the border of an element to YUV 98.4110, 13.6014, 24.1956 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(126, 79, 126) }
```


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

```
.border{ border-color:rgb(126, 79, 126) }
```

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

Here you see how a box with a 4 pixel rgb(126, 79, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 79, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 79, 126);  
box-shadow:4px 4px 4px 4px rgb(126, 79,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 98.4110, 13.6014, 24.1956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 79, 126) }
```

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

```
.background{ background-color: rgb(126, 79,  
126) }
```

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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