

Converting Colors

YUV(123.1140, 7.3388, 26.2100)

Have a look what the booklet for
YUV(123.1140, 7.3388, 26.2100)
contains.

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Color

**YUV(123.1140, 7.3388,
26.2100)**

Conversions

Conversions Part 1

Format	Color
Hex	99698A
RGB	153, 105, 138
RGB Percent	60%, 41%, 54%
CMY	0.4000, 0.5882, 0.4588
CMYK	0.00, 0.31, 0.10, 0.40
HSL	319°, 19%, 51%
HSV	319°, 31%, 60%
XYZ	22.7759, 18.7104, 26.4558
YIQ	123.1140, 18.0150, 20.4390

Conversions

Conversions Part 2

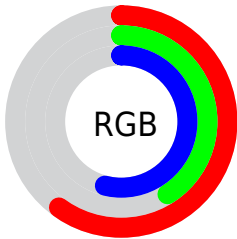
Format	Color
R_{YB}	153, 105, 138
Decimal	10054026
CIE _{Lab}	50.35, 24.59, -10.41
CIE _{LCh}	50, 26.698, 337.051
Yxy	18.7104, 0.3352, 0.2754
Android (android.graphics.Color)	4288244106 (0xFF99698A)
YUV	123.1140, 7.3388, 26.2100
Hunter-Lab	43.2556, 18.2906, -5.9838

Details

The YUV color **123.1140, 7.3388, 26.2100** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **134.8860, -7.3388, -26.2100**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.1250, 7.3334, 27.9544**, and **73.6900, 7.0548, 23.9509** is the 20% darker color. If you saturate the color by 10%, you get **113.7390, 9.4957, 34.4319**, and if you desaturate by 10%, it is **132.4890, 5.1819, 17.9881**.

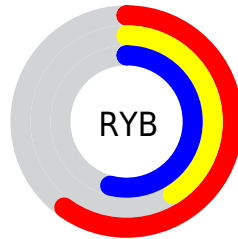
Distribution



Red (60%)

Green (41%)

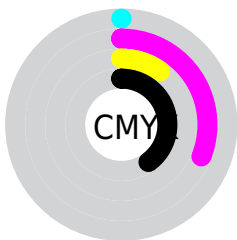
Blue (54%)



Red (60%)

Yellow (41%)

Blue (54%)

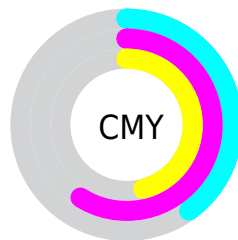


Cyan (0%)

Magenta (31%)

Yellow (10%)

Black (40%)



Cyan (40%)


Magenta (59%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YUV color 123.1140, 7.3388, 26.2100 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 123.1140, 7.3388, 26.2100 by changing the saturation by 10% instead.


 123.1140, 7.3388,
26.2100

 123.1140, 7.3388,
26.2100


255.0000, 0.0000,
0.0000


 97.8150, 7.4862,
25.5952


 176.1250, 7.3334,
27.9544


 73.6900, 7.0548,
23.9509


 203.8370, 7.4754,
29.0840

 50.0920, 7.3496,
22.7213

 228.9610, 9.3862,
22.8362

 27.7930, 7.4971,
22.1065

 246.1950, 4.3409,
7.7220

 12.7880, 5.0345,
18.6029

 0.0000, 0.0000,
0.0000

■ 123.1140, 7.3388,
26.2100

■ 123.1140, 7.3388,
26.2100

■ 113.7390, 9.4957,
34.4319

■ 132.4890, 5.1819,
17.9881

■ 103.7770, 11.9419,
43.1686

■ 142.4510, 2.7357,
9.2515

■ 94.5160, 14.5356,
51.2905

■ 151.7120, 0.1420,
1.1296

■ 85.1410, 16.6925,
59.5123

■ 161.0870, -2.0149,
-7.0923

■ 75.7660, 18.8494,
67.7342

■ 171.0490, -4.4612,
-15.8290

■ 65.8040, 21.2956,
76.4709


■ 180.4240, -6.6180,
-24.0508

■ 57.7170, 23.3105,
83.5632

■ 189.6850, -9.2117,
-32.1727

■ 199.0600,

-11.3686, -40.3946

 209.0220,
-13.8148, -49.1313

Harmonies

Analogous

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



122.3980, 16.5658, 6.6670



123.1140, 7.3388, 26.2100



122.0200, -3.4609, 36.8165

Triad

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



123.1140, 7.3388, 26.2100



117.7460, -21.5668, 10.7468



104.6040, 20.4082, -59.2887

Complementary

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



123.1140, 7.3388, 26.2100



134.8860, -7.3388, -26.2100

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.



106.6840, 9.0298, -49.7119



123.1140, 7.3388, 26.2100



115.4060, -15.9762, -9.1261

Square

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



123.1140, 7.3388, 26.2100



119.4860, -20.4526, 26.7608



111.7330, -5.2914, -29.5838



110.8430, 24.7274, -44.5893

Rectangle

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



123.1140, 7.3388, 26.2100



121.4840, -10.5916, 37.2865



111.7330, -5.2914, -29.5838



104.8060, 17.3506, -58.5889

Sweetspot

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



123.1140, 7.3388, 26.2100



187.7500, 2.5882, 9.8663



114.6580, 18.9026, 3.8079



92.7880, 1.5835, 5.4479



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



123.1140, 7.3388, 26.2100



151.6520, 11.5106, 41.5242



120.4920, -2.7076, 28.5095



71.9620, 1.0047, 4.4183



52.8040, 21.2956, 76.4709



4.9130, 2.0149, 7.0923

Inverse Universe

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



123.1140, 7.3388, 26.2100



151.6520, 11.5106, 41.5242



137.5080, 2.7076, -28.5095



71.9620, 1.0047, 4.4183



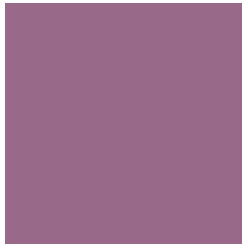
52.8040, 21.2956, 76.4709



4.9130, 2.0149, 7.0923

Previews

White Background



This preview shows how the YUV color 123.1140, 7.3388, 26.2100 looks on a white background.

Color Contrast Check

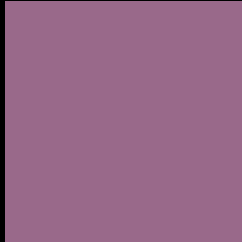
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.1140, 7.3388, 26.2100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

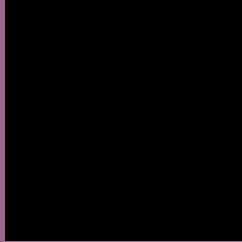
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.1140, 7.3388, 26.2100

Background



This preview shows how black text looks on a background with the YUV color 123.1140, 7.3388, 26.2100.



This preview shows how white text looks on a background with the YUV color 123.1140, 7.3388,

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

123.1140, 7.3388, 26.2100

Protanopia

120.6970, 12.9674, -5.8733

Deuteranopia

121.2590, 7.2673, 2.4039



Tritanopia

122.1710, -2.5493, 24.4060

Trichromacy



Original Color

123.1140, 7.3388, 26.2100

Protanomaly

121.6060, 11.0402, 5.6075

Deuteranomaly

122.3140, 7.2402, 11.1256

Tritanomaly

122.7950, 1.0871, 24.7358

Monochromacy



Original Color

123.1140, 7.3388, 26.2100

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.7500, 2.5883, 9.8663

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.1140, 7.3388, 26.2100 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(153, 105, 138)` looks like.

```
.text, #text, p{  
    color:rgb(153, 105, 138)  
}
```

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(153, 105, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 105, 138) }
```

Border

The CSS property to change the border of an element to YUV 123.1140, 7.3388, 26.2100 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(153, 105, 138) }
```


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

```
.border{ border-color:rgb(153, 105, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 105, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 105, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 105, 138);  
box-shadow:4px 4px 4px 4px rgb(153, 105,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 123.1140, 7.3388, 26.2100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 105, 138) }
```

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

```
.background{ background-color: rgb(153,  
105, 138) }
```

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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