

Converting Colors

YUV(123.2780, 1.8349, 18.1732)

Have a look what the booklet for
YUV(123.2780, 1.8349, 18.1732)
contains.

YUV(123.2780, 1.8349, 18.1732)	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(123.2780, 1.8349,
18.1732)**

Conversions

Conversions Part 1

Format	Color
Hex	90707F
RGB	144, 112, 127
RGB Percent	56%, 44%, 50%
CMY	0.4353, 0.5608, 0.5020
CMYK	0.00, 0.22, 0.12, 0.44
HSL	332°, 13%, 50%
HSV	332°, 22%, 56%
XYZ	21.1265, 19.0499, 22.6422
YIQ	123.2780, 14.2570, 11.4490

Conversions

Conversions Part 2

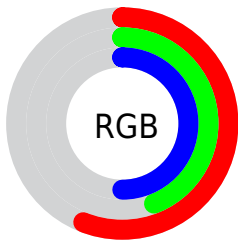
Format	Color
R_{YB}	144, 112, 127
Decimal	9465983
CIE _{Lab}	50.75, 15.18, -3.41
CIE _{LCh}	51, 15.559, 347.334
Yxy	19.0499, 0.3363, 0.3033
Android (android.graphics.Color)	4287656063 (0xFF90707F)
YUV	123.2780, 1.8349, 18.1732
Hunter-Lab	43.6462, 10.0203, -0.2053

Details

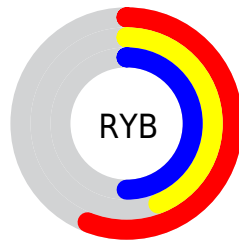
The YUV color $[123.2780, 1.8349, 18.1732]$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $[132.7220, -1.8349, -18.1732]$, and the grayscale version is $[123.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[175.9900, 1.9769, 19.3028]$, and $[74.2670, 1.8404, 16.4288]$ is the 20% darker color. If you saturate the color by 10%, you get $[114.1480, 2.3920, 26.1802]$, and if you desaturate by 10%, it is $[132.4080, 1.2779, 10.1662]$.

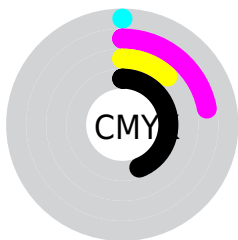
Distribution



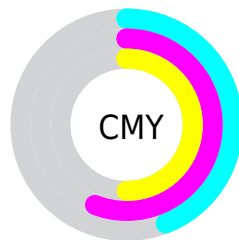
- Red (56%)
- Green (44%)
- Blue (50%)



- Red (56%)
- Yellow (44%)
- Blue (50%)



- Cyan (0%)
- Magenta (22%)
- Yellow (12%)
- Black (44%)





- Cyan (44%)
- Magenta (56%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the YUV color 123.2780, 1.8349, 18.1732 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 123.2780, 1.8349, 18.1732 by changing the saturation by 10% instead.

 123.2780, 1.8349,
18.1732


 123.2780, 1.8349,
18.1732


255.0000, 0.0000,
0.0000


 97.9790, 1.9824,
17.5584

 175.9900, 1.9769,
19.3028

 74.2670, 1.8404,
16.4288

 203.2890, 1.8295,
19.9175

 51.5550, 1.6984,
15.2993

 231.5880, 1.6821,
20.5323

 29.9570, 1.9932,
14.0697

 250.3040, 2.3151,
4.1184

 9.7400, 1.1142,
16.0140

 0.0000, 0.0000,
0.0000

123.2780, 1.8349,
18.1732

123.2780, 1.8349,
18.1732

114.1480, 2.3920,
26.1802

132.4080, 1.2779,
10.1662

104.5450, 3.6753,
34.6020

142.0110, -0.0054,
1.7444

95.4150, 4.2324,
42.6090

151.1410, -0.5625,
-6.2627

85.6980, 5.0789,
51.1309

160.8580, -1.4090,
-14.7845

76.6820, 6.0728,
59.0379

169.8740, -2.4029,
-22.6915

67.5520, 6.6299,
67.0449

179.0040, -2.9600,
-30.6985

57.8350, 7.4763,
75.5667

188.7210, -3.8065,
-39.2203

50.8080, 8.4757,

197.7370, -4.8003,

81.7294

-47.1273

 207.4540, -5.6468,
-55.6492

Harmonies

Analogous

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



122.8190, 7.9772, 8.0517



123.2780, 1.8349, 18.1732



122.8780, -4.8699, 22.0320

Triad

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



123.2780, 1.8349, 18.1732



119.2210, -11.9410, 3.3142



116.5220, 11.5747, -25.8908

Complementary

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



123.2780, 1.8349, 18.1732



132.7220, -1.8349, -18.1732

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.



115.1430, 6.3385, -26.4354



123.2780, 1.8349, 18.1732



117.9960, -7.3930, -8.7665

Square

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



123.2780, 1.8349, 18.1732



120.7600, -12.6997, 13.3655



116.3520, -0.6665, -19.6027



118.7340, 13.4421, -18.1837

Rectangle

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



123.2780, 1.8349, 18.1732



122.2540, -8.5062, 21.7022



116.3520, -0.6665, -19.6027



116.0550, 9.8329, -27.2352

Sweetspot

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



123.2780, 1.8349, 18.1732



177.5710, 0.7045, 7.3922



120.7310, 11.4716, 7.2519



89.4350, 0.2785, 4.0035



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



123.2780, 1.8349, 18.1732



153.5720, 2.6760, 28.4394



122.1550, -5.0064, 19.1581



66.5490, 0.7153, 3.9035



47.5470, 7.6183, 76.6963



2.8480, 0.5679, 4.5183

Inverse Universe

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



123.2780, 1.8349, 18.1732



153.5720, 2.6760, 28.4394



133.8450, 5.0064, -19.1581



66.5490, 0.7153, 3.9035



47.5470, 7.6183, 76.6963



2.8480, 0.5679, 4.5183

Previews

White Background



This preview shows how the YUV color 123.2780, 1.8349, 18.1732 looks on a white background.

Color Contrast Check

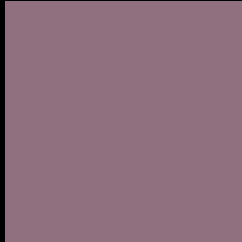
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.2780, 1.8349, 18.1732 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

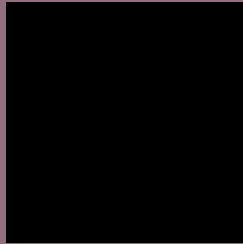
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.2780, 1.8349, 18.1732

Background



This preview shows how black text looks on a background with the YUV color 123.2780, 1.8349, 18.1732.



This preview shows how white text looks on a background with the YUV color 123.2780, 1.8349,

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

123.2780, 1.8349, 18.1732

Protanopia

121.3680, 5.2416, -1.1997

Deuteranopia

121.9130, 2.0149, 7.0923



Tritanopia

122.9960, -0.4910, 17.5435

Trichromacy



Original Color

123.2780, 1.8349, 18.1732

Protanomaly

122.0700, 3.9095, 6.0776

Deuteranomaly

122.2340, 1.8566, 11.1958

Tritanomaly

123.2240, 0.3826, 17.3436

Monochromacy



Original Color

123.2780, 1.8349, 18.1732

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

123.1580, 0.4151, 6.8774

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.2780, 1.8349, 18.1732 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(144, 112, 127)` looks like.

```
.text, #text, p{  
    color:rgb(144, 112, 127)  
}
```

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(144, 112, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 112, 127) }
```

Border

The CSS property to change the border of an element to YUV 123.2780, 1.8349, 18.1732 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(144, 112, 127) }
```


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

```
.border{ border-color:rgb(144, 112, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 112, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 112, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 112, 127);  
box-shadow:4px 4px 4px 4px rgb(144, 112,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 123.2780, 1.8349, 18.1732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 112, 127) }
```

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

```
.background{ background-color: rgb(144,  
112, 127) }
```

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