

Converting Colors

YUV(118.1720, 12.7332,
22.6512)

Have a look what the booklet for
YUV(118.1720, 12.7332, 22.6512)
contains.

YUV(118.1720, 12.7332, 22.6512)	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(118.1720, 12.7332,
22.6512)**

Conversions

Conversions Part 1

Format	Color
Hex	906490
RGB	144, 100, 144
RGB Percent	56%, 39%, 56%
CMY	0.4353, 0.6078, 0.4353
CMYK	0.00, 0.31, 0.00, 0.44
HSL	300°, 18%, 48%
HSV	300°, 31%, 56%
XYZ	21.0928, 17.0573, 28.5662
YIQ	118.1720, 12.1000, 23.0120

Conversions

Conversions Part 2

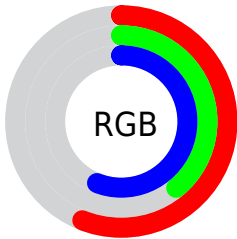
Format	Color
R_{YB}	144, 100, 144
Decimal	9462928
CIE _{Lab}	48.33, 25.42, -17.12
CIE _{LCh}	48, 30.648, 326.047
Yxy	17.0573, 0.3162, 0.2557
Android (android.graphics.Color)	4287653008 (0xFF906490)
YUV	118.1720, 12.7332, 22.6512
Hunter-Lab	41.3004, 18.8872, -12.0988

Details

The YUV color **118.1720, 12.7332, 22.6512** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **125.8280, -12.7332, -22.6512**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.4110, 13.6014, 24.1956**, and **69.0470, 12.3018, 21.0068** is the 20% darker color. If you saturate the color by 10%, you get **109.9540, 16.7847, 29.8583**, and if you desaturate by 10%, it is **126.3900, 8.6817, 15.4440**.

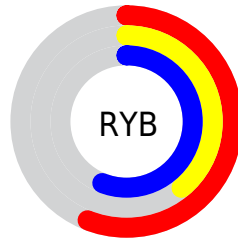
Distribution



Red (56%)

Green (39%)

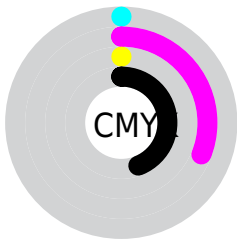
Blue (56%)



Red (56%)

Yellow (39%)

Blue (56%)

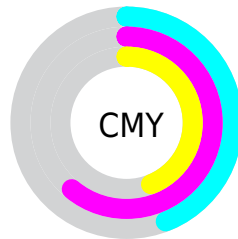


Cyan (0%)

Magenta (31%)

Yellow (0%)

Black (44%)



Cyan (44%)


Magenta (61%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YUV color 118.1720, 12.7332, 22.6512 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 118.1720, 12.7332, 22.6512 by changing the saturation by 10% instead.


 118.1720, 12.7332,
22.6512


 118.1720, 12.7332,
22.6512


255.0000, 0.0000,
0.0000


 93.3460, 12.1544,
21.6216


 170.4110, 13.6014,
24.1956

 69.0470, 12.3018,
21.0068


 198.1230, 13.7434,
25.3251

 45.9220, 11.8705,
19.3624

 226.2370, 14.1802,
25.2252

 22.9220, 11.8705,
19.3624

 242.6730, 6.0772,
10.8108

 10.5530, 8.1084,
12.6700

 0.0000, 0.0000,
0.0000

■ 118.1720, 12.7332,
22.6512

■ 118.1720, 12.7332,
22.6512

■ 109.9540, 16.7847,
29.8583

■ 126.3900, 8.6817,
15.4440

■ 101.1490, 21.1255,
37.5803

■ 135.1950, 4.3409,
7.7220

■ 92.9310, 25.1770,
44.7875

■ 143.4130, 0.2894,
0.5148

■ 84.1260, 29.5179,
52.5095

■ 152.2180, -4.0515,
-7.2072

■ 75.9080, 33.5694,
59.7167

■ 160.4360, -8.1029,
-14.4144

■ 67.6900, 37.6208,
66.9239


■ 168.6540,
-12.1544, -21.6216

■ 59.4720, 41.6723,
74.1311

■ 177.4590,
-16.4953, -29.3435

■ 185.6770,

-20.5468, -36.5507

 194.4820,
-24.8876, -44.2727

Harmonies

Analogous

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



115.8250, 22.2713, -3.3545



118.1720, 12.7332, 22.6512



116.8830, 1.0437, 38.6906

Triad

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



118.1720, 12.7332, 22.6512



112.9920, -24.6461, 18.4240



90.7540, 22.7993, -79.5913

Complementary

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



118.1720, 12.7332, 22.6512



125.8280, -12.7332, -22.6512

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.



99.3370, 5.2569, -52.9155



118.1720, 12.7332, 22.6512



110.3700, -21.3814, -2.0785

Square

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



118.1720, 12.7332, 22.6512



114.8290, -20.6217, 34.3530



106.9740, -10.8332, -25.4102



91.2730, 32.4034, -80.0464

Rectangle

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



118.1720, 12.7332, 22.6512



116.7280, -7.2609, 42.3345



106.9740, -10.8332, -25.4102



89.7280, 18.8681, -78.6915

Sweetspot

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



118.1720, 12.7332, 22.6512



176.0210, 4.9196, 8.7516



105.0160, 19.2191, -4.3990



88.1300, 2.8939, 5.1480



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.



118.1720, 12.7332, 22.6512



145.4970, 19.9680, 35.5211



115.6640, 3.1236, 24.8507



66.8910, 2.0257, 3.6036



55.7550, 39.0678, 69.4979



3.3040, 2.3151, 4.1184

Inverse Universe

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



118.1720, 12.7332, 22.6512



145.4970, 19.9680, 35.5211



128.3360, -3.1236, -24.8507



66.8910, 2.0257, 3.6036



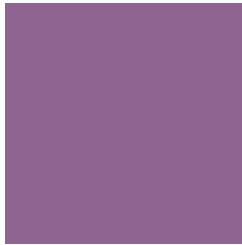
55.7550, 39.0678, 69.4979



3.3040, 2.3151, 4.1184

Previews

White Background



This preview shows how the YUV color 118.1720, 12.7332, 22.6512 looks on a white background.

Color Contrast Check

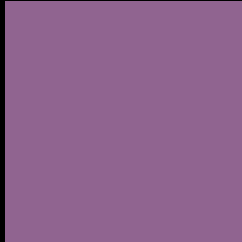
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.1720, 12.7332, 22.6512 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 118.1720, 12.7332, 22.6512

Background



This preview shows how black text looks on a background with the YUV color 118.1720, 12.7332, 22.6512.



This preview shows how white text looks on a background with the YUV color 118.1720, 12.7332,

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

118.1720, 12.7332, 22.6512

Protanopia

115.5700, 18.9460, -10.1469

Deuteranopia

116.3060, 12.6671, -2.8994



Tritanopia

117.0780, -1.5175, 20.1026

Trichromacy



Original Color

118.1720, 12.7332, 22.6512

Protanomaly

116.6640, 16.4346, 2.0487

Deuteranomaly

116.7740, 12.9294, 6.3372

Tritanomaly

117.4570, 3.7187, 20.6472

Monochromacy



Original Color

118.1720, 12.7332, 22.6512

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.6080, 4.6303, 8.2368

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.1720, 12.7332, 22.6512 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, 100, 144)` looks like.

```
.text, #text, p{  
    color:rgb(144, 100, 144)  
}
```

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, 100, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 100, 144) }
```

Border

The CSS property to change the border of an element to YUV 118.1720, 12.7332, 22.6512 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, 100, 144) }
```


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

```
.border{ border-color:rgb(144, 100, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 100, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 100, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 100, 144);  
box-shadow:4px 4px 4px 4px rgb(144, 100,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 118.1720, 12.7332, 22.6512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 100, 144) }
```

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

```
.background{ background-color: rgb(144,  
100, 144) }
```

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