

Converting Colors

YUV(118.7830, 19.3340, 5.4523)

Have a look what the booklet for
YUV(118.7830, 19.3340, 5.4523)
contains.

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Color

**YUV(118.7830, 19.3340,
5.4523)**

Conversions

Conversions Part 1

Format	Color
Hex	7D6C9E
RGB	125, 108, 158
RGB Percent	49%, 42%, 62%
CMY	0.5098, 0.5765, 0.3804
CMYK	0.21, 0.32, 0.00, 0.38
HSL	260°, 20%, 52%
HSV	260°, 32%, 62%
XYZ	19.9916, 17.5537, 34.6823
YIQ	118.7830, -5.9180, 19.1540

Conversions

Conversions Part 2

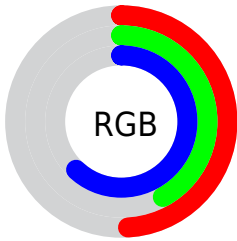
Format	Color
R _Y B	125, 108, 158
Decimal	8219806
CIE Lab	48.95, 17.40, -24.60
CIE LCh	49, 30.133, 305.260
Yxy	17.5537, 0.2768, 0.2430
Android (android.graphics.Color)	4286409886 (0xFF7D6C9E)
YUV	118.7830, 19.3340, 5.4523
Hunter-Lab	41.8972, 11.8527, -19.7520

Details

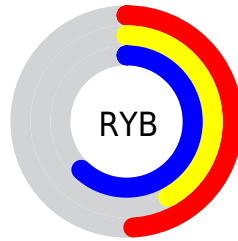
The YUV color **118.7830, 19.3340, 5.4523** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **147.2170, -19.3340, -5.4523**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.4240, 20.4970, 5.7672**, and **69.7290, 17.8816, 4.6227** is the 20% darker color. If you saturate the color by 10%, you get **106.4010, 25.4383, 7.5413**, and if you desaturate by 10%, it is **131.1650, 13.2297, 3.3633**.

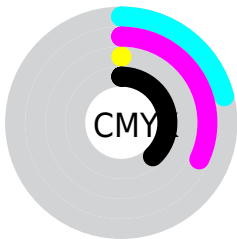
Distribution



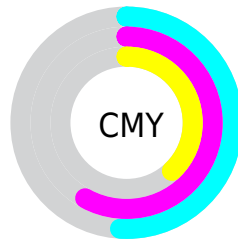
- Red (49%)
- Green (42%)
- Blue (62%)



- Red (49%)
- Yellow (42%)
- Blue (62%)



- Cyan (21%)
- Magenta (32%)
- Yellow (0%)
- Black (38%)



- Cyan (51%)
- Magenta (58%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.7830, 19.3340, 5.4523 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 118.7830, 19.3340, 5.4523 by changing the saturation by 10% instead.

■ 118.7830, 19.3340,
5.4523

■ 118.7830, 19.3340,
5.4523

■ 255.0000, 0.0000,
0.0000

■ 94.2560, 18.6078,
5.0375

■ 171.4240, 20.4970,
5.7672

■ 69.7290, 17.8816,
4.6227

■ 198.8370, 20.7864,
6.2820

■ 46.9030, 17.3028,
3.5931

■ 224.6540, 14.9606,
8.1964

■ 25.6640, 16.4346,
2.0487

■ 247.9560, 3.4727,
6.1776

■ 5.7130, 15.4245,
-0.6253

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,

0.0000

■ 118.7830, 19.3340,
5.4523

■ 118.7830, 19.3340,
5.4523

■ 106.4010, 25.4383,
7.5413

■ 131.1650, 13.2297,
3.3633

■ 93.7200, 31.6900,
9.0156

■ 143.8460, 6.9779,
1.8891

■ 81.9250, 37.5050,
10.5898

■ 155.6410, 1.1630,
0.3148

■ 69.2440, 43.7567,
12.0640

■ 168.3220, -5.0887,
-1.1594

■ 56.8620, 49.8610,
14.1530

■ 180.7040,
-11.1931, -3.2484

■ 44.1810, 56.1128,
15.6273

■ 193.3850,
-17.4448, -4.7226

■ 34.1580, 61.0541,
17.4014

■ 205.7670,
-23.5491, -6.8117

■ 217.5620,
-29.3641, -8.3859

■ 230.2430,
-35.6158, -9.8601

Harmonies

Analogous

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



113.4310, 26.4095, -24.0570



118.7830, 19.3340, 5.4523



119.8800, 8.9332, 28.1692

Triad

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



118.7830, 19.3340, 5.4523



115.6390, -22.5000, 30.1346



98.6610, 10.5201, -61.0927

Complementary

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



118.7830, 19.3340, 5.4523



147.2170, -19.3340, -5.4523

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.



106.7820, -6.3015, -32.2578



118.7830, 19.3340, 5.4523



113.7740, -24.0456, 12.4762

Square

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



118.7830, 19.3340, 5.4523



117.1810, -14.3862, 41.0603



110.8360, -18.1601, -8.6262



92.2530, 26.0043, -80.9059

Rectangle

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



118.7830, 19.3340, 5.4523



119.1710, 0.9017, 37.5610



110.8360, -18.1601, -8.6262



102.4190, 4.2304, -50.3565

Sweetspot

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



118.7830, 19.3340, 5.4523



191.9600, 7.4147, 1.7891



133.0710, 12.2900, -21.9873



95.5640, 4.6519, 1.2594



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



118.7830, 19.3340, 5.4523



145.0790, 30.5271, 8.7007



126.2580, 15.6488, 20.8217



72.8090, 3.0522, 1.0445



30.9530, 55.2392, 15.8272



3.2050, 5.8149, 1.5742

Inverse Universe

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



126.7120, 7.0440, 27.4396



157.5490, 11.0683, 43.3685



139.7420, -15.6488, -20.8217



73.9620, 1.0047, 4.4183



53.4730, 19.9798, 78.5152



5.6250, 2.1569, 8.2219

Previews

White Background



This preview shows how the YUV color 118.7830, 19.3340, 5.4523 looks on a white background.

Color Contrast Check

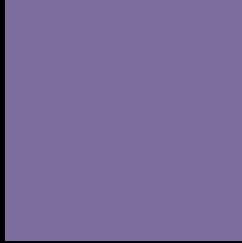
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.7830, 19.3340, 5.4523 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 118.7830, 19.3340, 5.4523

Background



This preview shows how black text looks on a background with the YUV color 118.7830, 19.3340, 5.4523.



This preview shows how white text looks on a background with the YUV color 118.7830, 19.3340,

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

118.7830, 19.3340, 5.4523

Protanopia

116.2860, 23.0300, -13.4058

Deuteranopia

116.7980, 19.8196, -10.3468



Tritanopia

117.2220, 3.3416, 1.5593

Trichromacy



Original Color

118.7830, 19.3340, 5.4523

Protanomaly

116.9880, 21.6979, -6.1285

Deuteranomaly

117.1300, 19.6559, -4.4990

Tritanomaly

117.4270, 9.1565, 3.1335

Monochromacy



Original Color

118.7830, 19.3340, 5.4523

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.8460, 6.9779, 1.8891

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.7830, 19.3340, 5.4523 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(125, 108, 158)` looks like.

```
.text, #text, p{  
    color:rgb(125, 108, 158)  
}
```

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(125, 108, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 108, 158) }
```

Border

The CSS property to change the border of an element to YUV 118.7830, 19.3340, 5.4523 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(125, 108, 158) }
```


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

```
.border{ border-color:rgb(125, 108, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 108, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 108, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 108, 158);  
box-shadow:4px 4px 4px 4px rgb(125, 108,  
158) }
```

Background

The CSS property to change the background color of an element to YUV 118.7830, 19.3340, 5.4523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 108, 158) }
```

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

```
.background{ background-color: rgb(125,  
108, 158) }
```

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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