

Converting Colors

YUV(116.8050, 19.3231, 8.9410)

Have a look what the booklet for
YUV(116.8050, 19.3231, 8.9410)
contains.

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Color

**YUV(116.8050, 19.3231,
8.9410)**

Conversions

Conversions Part 1

Format	Color
Hex	7F689C
RGB	127, 104, 156
RGB Percent	50%, 41%, 61%
CMY	0.5020, 0.5922, 0.3882
CMYK	0.19, 0.33, 0.00, 0.39
HSL	267°, 21%, 51%
HSV	267°, 33%, 61%
XYZ	19.7035, 16.8130, 33.6592
YIQ	116.8050, -2.9840, 21.0480

Conversions

Conversions Part 2

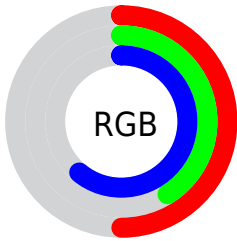
Format	Color
R_{YB}	127, 104, 156
Decimal	8349852
CIE Lab	48.02, 19.95, -24.85
CIE LCh	48, 31.867, 308.769
Yxy	16.8130, 0.2808, 0.2396
Android (android.graphics.Color)	4286539932 (0xFF7F689C)
YUV	116.8050, 19.3231, 8.9410
Hunter-Lab	41.0036, 14.0183, -19.9677

Details

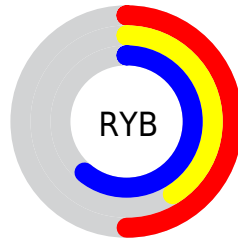
The YUV color **116.8050, 19.3231, 8.9410** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **143.1950, -19.3231, -8.9410**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.8590, 20.7755, 9.7707**, and **68.4520, 18.0182, 7.4966** is the 20% darker color. If you saturate the color by 10%, you get **104.7220, 25.2801, 11.6448**, and if you desaturate by 10%, it is **128.8880, 13.3662, 6.2372**.

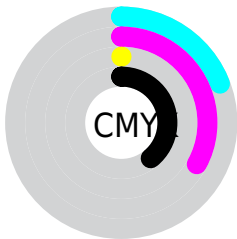
Distribution



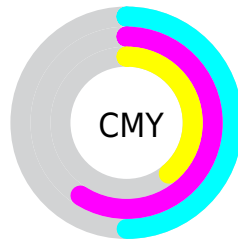
- Red (50%)
- Green (41%)
- Blue (61%)



- Red (50%)
- Yellow (41%)
- Blue (61%)



- Cyan (19%)
- Magenta (33%)
- Yellow (0%)
- Black (39%)



- Cyan (50%)
- Magenta (59%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.8050, 19.3231, 8.9410 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 116.8050, 19.3231, 8.9410 by changing the saturation by 10% instead.

■ 116.8050, 19.3231,
8.9410

■ 116.8050, 19.3231,
8.9410

■ 255.0000, 0.0000,
0.0000

■ 91.9790, 18.7444,
7.9114

■ 168.8590, 20.7755,
9.7707

■ 68.4520, 18.0182,
7.4966

■ 196.2720, 21.0649,
10.2855

■ 45.5120, 17.0026,
6.5670

■ 223.2030, 15.6759,
12.1000

■ 23.6860, 16.4238,
5.5374

■ 245.0210, 4.9196,
8.7516

■ 4.8870, 14.8457,
-1.6549

■ 1.1400, 4.3680,
-0.9998

■ 0.0000, 0.0000,

0.0000

■ 116.8050, 19.3231,
8.9410

■ 116.8050, 19.3231,
8.9410

■ 104.7220, 25.2801,
11.6448

■ 128.8880, 13.3662,
6.2372

■ 93.5250, 30.8002,
14.4486

■ 140.0850, 7.8461,
3.4335

■ 81.4420, 36.7571,
17.1524

■ 152.1680, 1.8892,
0.7297

■ 69.9460, 42.4246,
19.3414

■ 163.6640, -3.7784,
-1.4593

■ 58.1620, 48.2341,
22.6599

■ 175.7470, -9.7353,
-4.1631

■ 46.0790, 54.1911,
25.3637

■ 187.5310,
-15.5448, -7.4817

■ 38.4150, 57.9694,
26.8230

■ 199.0270,
-21.2123, -9.6707

■ 211.1100,
-27.1692, -12.3745

■ 222.3070,
-32.6894, -15.1782

Harmonies

Analogous

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



111.6700, 27.2777, -22.5126



116.8050, 19.3231, 8.9410



117.0870, 8.3381, 32.3727

Triad

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



116.8050, 19.3231, 8.9410



113.4710, -24.3892, 29.4049



88.9300, 15.8105, -77.9916

Complementary

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



116.8050, 19.3231, 8.9410



143.1950, -19.3231, -8.9410

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.



102.9060, -4.3907, -38.5056



116.8050, 19.3231, 8.9410



111.1220, -25.2031, 10.4170

Square

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



116.8050, 19.3231, 8.9410



114.7250, -16.1334, 41.4602



107.8140, -18.1493, -12.1149



91.3070, 27.4566, -80.0762

Rectangle

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



116.8050, 19.3231, 8.9410



115.9650, 0.0173, 41.2497



107.8140, -18.1493, -12.1149



95.6780, 8.0467, -61.1076

Sweetspot

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



116.8050, 19.3231, 8.9410



188.9710, 7.4093, 3.5334



126.9510, 14.3212, -20.1280



92.8630, 4.5045, 1.8741



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



116.8050, 19.3231, 8.9410



142.1120, 30.5108, 13.9338



124.5790, 15.4906, 24.9252



73.1080, 2.9048, 1.6593



35.1390, 53.1755, 24.4341



3.8030, 5.5201, 2.8038

Inverse Universe

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



122.8540, 5.0020, 29.0690



151.7620, 8.0053, 45.8127



135.4210, -15.4906, -24.9252



73.9620, 1.0047, 4.4183



51.8770, 13.8646, 79.9149



5.5110, 1.7201, 8.3219

Previews

White Background



This preview shows how the YUV color 116.8050, 19.3231, 8.9410 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 116.8050, 19.3231, 8.9410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

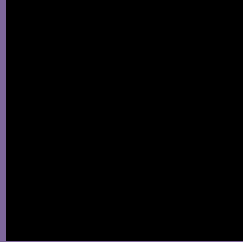
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 116.8050, 19.3231, 8.9410

Background



This preview shows how black text looks on a background with the YUV color 116.8050, 19.3231, 8.9410.



This preview shows how white text looks on a background with the YUV color 116.8050, 19.3231, 8.9410.

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

116.8050, 19.3231, 8.9410

Protanopia

113.6280, 24.3404, -13.7058

Deuteranopia

114.6840, 19.3828, -10.2469



Tritanopia

115.0160, 2.4571, 5.2480

Trichromacy



Original Color

116.8050, 19.3231, 8.9410

Protanomaly

114.8140, 22.2767, -5.0989

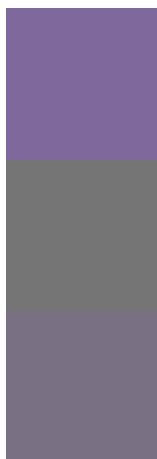
Deuteranomaly

115.7280, 19.3611, -3.2695

Tritanomaly

115.3350, 8.7088, 6.7222

Monochromacy



Original Color

116.8050, 19.3231, 8.9410

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

116.8570, 6.9725, 3.6334

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.8050, 19.3231, 8.9410 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(127, 104, 156)` looks like.

```
.text, #text, p{  
    color:rgb(127, 104, 156)  
}
```

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(127, 104, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 104, 156) }
```

Border

The CSS property to change the border of an element to YUV 116.8050, 19.3231, 8.9410 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(127, 104, 156) }
```


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

```
.border{ border-color:rgb(127, 104, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 104, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 104, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 104, 156);  
box-shadow:4px 4px 4px 4px rgb(127, 104,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 116.8050, 19.3231, 8.9410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 104, 156) }
```

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

```
.background{ background-color: rgb(127,  
104, 156) }
```

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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