

Converting Colors

YUV(123.3830, 16.0802,
22.4661)

Have a look what the booklet for
YUV(123.3830, 16.0802, 22.4661)
contains.

YUV(123.3830, 16.0802, 22.4661)	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(123.3830, 16.0802,
22.4661)**

Conversions

Conversions Part 1

Format	Color
Hex	95689C
RGB	149, 104, 156
RGB Percent	58%, 41%, 61%
CMY	0.4157, 0.5922, 0.3882
CMYK	0.04, 0.33, 0.00, 0.39
HSL	292°, 21%, 51%
HSV	292°, 33%, 61%
XYZ	23.3455, 18.6905, 33.8297
YIQ	123.3830, 10.1280, 25.7120

Conversions

Conversions Part 2

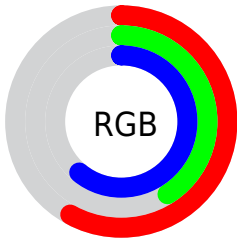
Format	Color
R _Y B	149, 104, 156
Decimal	9791644
CIE Lab	50.32, 27.25, -21.11
CIE LCh	50, 34.473, 322.242
Yxy	18.6905, 0.3077, 0.2464
Android (android.graphics.Color)	4287981724 (0xFF95689C)
YUV	123.3830, 16.0802, 22.4661
Hunter-Lab	43.2325, 20.7329, -16.1320

Details

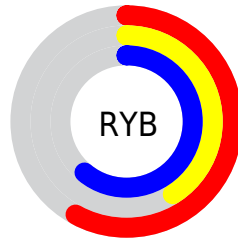
The YUV color **123.3830, 16.0802, 22.4661** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **136.6170, -16.0802, -22.4661**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.6220, 16.9484, 24.0105**, and **73.8450, 15.3594, 20.3069** is the 20% darker color. If you saturate the color by 10%, you get **113.3930, 21.0053, 29.4733**, and if you desaturate by 10%, it is **133.3730, 11.1551, 15.4589**.

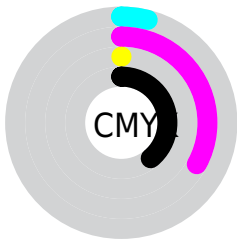
Distribution



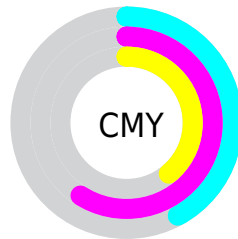
- Red (58%)
- Green (41%)
- Blue (61%)



- Red (58%)
- Yellow (41%)
- Blue (61%)



- Cyan (4%)
- Magenta (33%)
- Yellow (0%)
- Black (39%)



- Cyan (42%)
- Magenta (59%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.3830, 16.0802, 22.4661 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 123.3830, 16.0802, 22.4661 by changing the saturation by 10% instead.

■ 123.3830, 16.0802,
22.4661

■ 123.3830, 16.0802,
22.4661

■ 255.0000, 0.0000,
0.0000

■ 97.9700, 15.7908,
21.9513

■ 176.6220, 16.9484,
24.0105

■ 73.8450, 15.3594,
20.3069

■ 204.0350, 17.2377,
24.5253

■ 50.3180, 14.6332,
19.8921

■ 229.1720, 12.7332,
22.6512

■ 27.0190, 14.7806,
19.2773

■ 245.6080, 4.6303,
8.2368

■ 13.3730, 11.1551,
15.4589

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,

0.0000

■ 123.3830, 16.0802,
22.4661

■ 123.3830, 16.0802,
22.4661

■ 113.3930, 21.0053,
29.4733

■ 133.3730, 11.1551,
15.4589

■ 103.9900, 25.6409,
35.9658

■ 142.7760, 6.5194,
8.9664

■ 94.0000, 30.5660,
42.9730

■ 152.7660, 1.5944,
1.9592

■ 84.5970, 35.2017,
49.4654

■ 162.1690, -3.0413,
-4.5332

■ 74.3080, 40.2742,
55.8579

■ 172.4580, -8.1138,
-10.9257

■ 64.3180, 45.1992,
62.8651

■ 182.4480,
-13.0389, -17.9329

■ 58.1490, 48.2405,
67.3983

■ 191.8510,
-17.6745, -24.4253

■ 201.8410,
-22.5996, -31.4326

■ 211.2440,
-27.2353, -37.9250

Harmonies

Analogous

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



120.5300, 26.3607, -8.3578



123.3830, 16.0802, 22.4661



122.7740, 3.0694, 42.2942

Triad

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



123.3830, 16.0802, 22.4661



117.8140, -28.0093, 23.8421



95.3190, 22.5207, -83.5948

Complementary

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



123.3830, 16.0802, 22.4661



136.6170, -16.0802, -22.4661

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.



102.0650, 4.4050, -59.6930



123.3830, 16.0802, 22.4661



115.3550, -25.3180, 0.5657

Square

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



123.3830, 16.0802, 22.4661



119.7050, -22.5326, 40.6007



110.8770, -13.7434, -25.3251



96.2940, 33.8721, -84.4498

Rectangle

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



123.3830, 16.0802, 22.4661



121.4020, -6.1142, 47.8824



110.8770, -13.7434, -25.3251



94.1790, 18.1528, -82.5950

Sweetspot

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



123.3830, 16.0802, 22.4661



191.3630, 6.2300, 8.4516



114.6240, 20.3984, -9.3172



94.3580, 3.7675, 4.9480



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.



123.3830, 16.0802, 22.4661



152.5770, 25.3515, 35.4510



123.4240, 7.1860, 28.5692



74.0050, 2.4625, 3.5036



53.3780, 44.1836, 61.9355



5.5970, 4.6357, 6.4924

Inverse Universe

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



120.3460, -4.6076, 31.2686



147.7720, -7.2826, 49.3120



136.5760, -7.1860, -28.5692



73.5060, -0.7425, 4.8182



44.9230, -12.7800, 86.0135



4.7130, -1.3375, 9.0217

Previews

White Background



This preview shows how the YUV color 123.3830, 16.0802, 22.4661 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 123.3830, 16.0802, 22.4661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

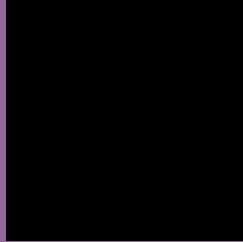
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.3830, 16.0802, 22.4661

Background



This preview shows how black text looks on a background with the YUV color 123.3830, 16.0802, 22.4661.



This preview shows how white text looks on a background with the YUV color 123.3830, 16.0802,

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

123.3830, 16.0802, 22.4661

Protanopia

119.6990, 23.3194, -12.8910

Deuteranopia

120.7940, 15.8776, -5.9583



Tritanopia

121.8930, -0.9332, 19.3878

Trichromacy



Original Color

123.3830, 16.0802, 22.4661

Protanomaly

121.0920, 20.6606, -0.0807

Deuteranomaly

121.8600, 15.8450, 4.5078

Tritanomaly

122.2120, 5.3185, 20.8621

Monochromacy



Original Color

123.3830, 16.0802, 22.4661

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.9500, 5.9406, 7.9368

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.3830, 16.0802, 22.4661 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(149, 104, 156)` looks like.

```
.text, #text, p{  
    color:rgb(149, 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(149, 104, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 104, 156) }
```

Border

The CSS property to change the border of an element to YUV 123.3830, 16.0802, 22.4661 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(149, 104, 156) }
```


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

```
.border{ border-color:rgb(149, 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(149, 104, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 104, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 104, 156);  
box-shadow:4px 4px 4px 4px rgb(149, 104,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 123.3830, 16.0802, 22.4661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 104, 156) }
```

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

```
.background{ background-color: rgb(149,  
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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