

Converting Colors

YUV(103.0580, 12.2964,
22.7511)

Have a look what the booklet for
YUV(103.0580, 12.2964, 22.7511)
contains.

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Color

**YUV(103.0580, 12.2964,
22.7511)**

Conversions

Conversions Part 1

Format	Color
Hex	815580
RGB	129, 85, 128
RGB Percent	51%, 33%, 50%
CMY	0.4941, 0.6667, 0.4980
CMYK	0.00, 0.34, 0.01, 0.49
HSL	301°, 21%, 42%
HSV	301°, 34%, 51%
XYZ	16.1980, 12.7226, 22.0241
YIQ	103.0580, 12.4210, 22.7010

Conversions

Conversions Part 2

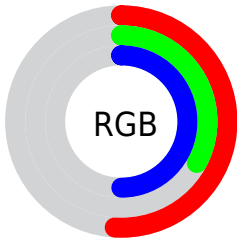
Format	Color
R_{YB}	129, 85, 128
Decimal	8476032
CIE _{Lab}	42.34, 25.74, -16.81
CIE _{LCh}	42, 30.741, 326.846
Yxy	12.7226, 0.3180, 0.2497
Android (android.graphics.Color)	4286666112 (0xFF815580)
YUV	103.0580, 12.2964, 22.7511
Hunter-Lab	35.6688, 18.6406, -11.6410

Details

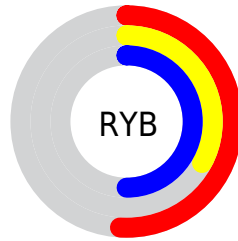
The YUV color **103.0580, 12.2964, 22.7511** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **110.9420, -12.2964, -22.7511**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.5960, 13.0172, 24.9103**, and **54.9330, 11.8650, 21.1068** is the 20% darker color. If you saturate the color by 10%, you get **95.4270, 16.0585, 29.4435**, and if you desaturate by 10%, it is **110.6890, 8.5343, 16.0587**.

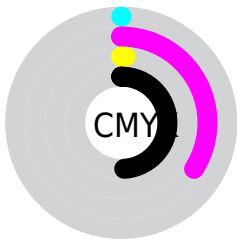
Distribution



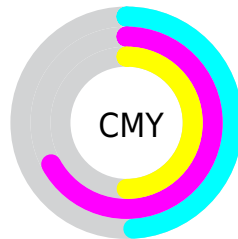
- Red (51%)
- Green (33%)
- Blue (50%)



- Red (51%)
- Yellow (33%)
- Blue (50%)



- Cyan (0%)
- Magenta (34%)
- Yellow (1%)
- Black (49%)



- Cyan (49%)
- Magenta (67%)
- Yellow (50%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.0580, 12.2964, 22.7511 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 103.0580, 12.2964, 22.7511 by changing the saturation by 10% instead.

■ 103.0580, 12.2964,
22.7511

■ 103.0580, 12.2964,
22.7511

■ 255.0000, 0.0000,
0.0000

■ 78.3460, 12.1544,
21.6216

■ 154.5960, 13.0172,
24.9103

■ 54.9330, 11.8650,
21.1068

■ 182.0090, 13.3066,
25.4251

■ 32.2210, 11.7230,
19.9772

■ 209.4220, 13.5960,
25.9399

■ 14.3410, 9.6919,
18.1179

■ 232.6940, 10.9969,
19.5624

■ 1.0260, 3.9312,
-0.8998

■ 249.7170, 2.6045,
4.6332

■ 0.0000, 0.0000,
0.0000

■ 103.0580, 12.2964,
22.7511

■ 103.0580, 12.2964,
22.7511

■ 95.4270, 16.0585,
29.4435

■ 110.6890, 8.5343,
16.0587

■ 87.6820, 19.3838,
36.2359

■ 118.4340, 5.2090,
9.2664

■ 80.0510, 23.1459,
42.9283

■ 126.0650, 1.4470,
2.5740

■ 72.4200, 26.9079,
49.6207

■ 133.6960, -2.3151,
-4.1184

■ 64.7890, 30.6700,
56.3130

■ 141.3270, -6.0772,
-10.8108

■ 57.6310, 33.7059,
62.5906


■ 148.4850, -9.1131,
-17.0883

■ 52.9350, 36.0210,
66.7090

■ 156.1160,
-12.8752, -23.7807

■ 163.7470,

-16.6373, -30.4731

 171.4920,
-19.9626, -37.2655

Harmonies

Analogous

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



101.0100, 21.6871, -2.6398



103.0580, 12.2964, 22.7511



101.8830, 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.



103.0580, 12.2964, 22.7511



98.2800, -24.7880, 17.2944



80.2390, 20.5882, -70.3696

Complementary

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



103.0580, 12.2964, 22.7511



110.9420, -12.2964, -22.7511

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.



81.1620, 7.3151, -59.7781



103.0580, 12.2964, 22.7511



95.4840, -20.9446, -2.1785

Square

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



103.0580, 12.2964, 22.7511



99.8180, -20.6163, 32.6086



91.2020, -9.9596, -25.6102



80.7580, 30.1923, -70.8248

Rectangle

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



103.0580, 12.2964, 22.7511



101.1300, -6.9661, 41.1050



91.2020, -9.9596, -25.6102



79.3270, 17.0938, -69.5698

Sweetspot

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



103.0580, 12.2964, 22.7511



158.0210, 4.9196, 8.7516



90.3150, 19.0717, -3.7843



78.1300, 2.8939, 5.1480



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



103.0580, 12.2964, 22.7511



127.3830, 19.5312, 35.6211



100.5500, 2.6869, 24.9507



59.8910, 2.0257, 3.6036



52.5220, 35.7317, 66.1942



0.0000, 0.0000, 0.0000

Inverse Universe

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



103.0580, 12.2964, 22.7511



127.3830, 19.5312, 35.6211



113.4500, -2.6869, -24.9507



59.8910, 2.0257, 3.6036



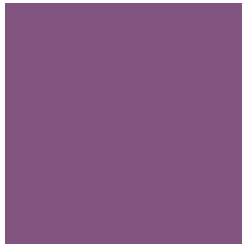
52.5220, 35.7317, 66.1942



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 103.0580, 12.2964, 22.7511 looks on a white background.

Color Contrast Check

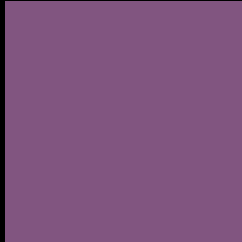
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.0580, 12.2964, 22.7511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

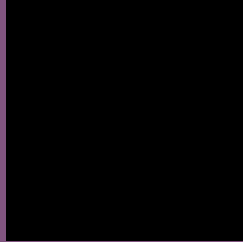
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.0580, 12.2964, 22.7511

Background



This preview shows how black text looks on a background with the YUV color 103.0580, 12.2964, 22.7511.



This preview shows how white text looks on a background with the YUV color 103.0580, 12.2964,

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

103.0580, 12.2964, 22.7511

Protanopia

100.4560, 18.5092, -10.0469

Deuteranopia

100.8930, 12.3778, -3.4142



Tritanopia

101.9640, -1.9543, 20.2026

Trichromacy



Original Color

103.0580, 12.2964, 22.7511

Protanomaly

101.5500, 15.9979, 2.1487

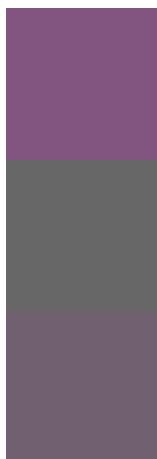
Deuteranomaly

101.6600, 12.4926, 6.4372

Tritanomaly

102.3430, 3.2819, 20.7472

Monochromacy



Original Color

103.0580, 12.2964, 22.7511

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

102.6080, 4.6303, 8.2368

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.0580, 12.2964, 22.7511 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(129, 85, 128)` looks like.

```
.text, #text, p{  
    color:rgb(129, 85, 128)  
}
```

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(129, 85, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 85, 128) }
```

Border

The CSS property to change the border of an element to YUV 103.0580, 12.2964, 22.7511 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(129, 85, 128) }
```


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

```
.border{ border-color:rgb(129, 85, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 85, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 85, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 85, 128);  
box-shadow:4px 4px 4px 4px rgb(129, 85,  
128) }
```

Background

The CSS property to change the background color of an element to YUV 103.0580, 12.2964, 22.7511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 85, 128) }
```

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

```
.background{ background-color: rgb(129, 85,  
128) }
```

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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