

Converting Colors

YUV(100.6560, 12.0016,
23.9807)

Have a look what the booklet for
YUV(100.6560, 12.0016, 23.9807)
contains.

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Color

**YUV(100.6560, 12.0016,
23.9807)**

Conversions

Conversions Part 1

Format	Color
Hex	80527D
RGB	128, 82, 125
RGB Percent	50%, 32%, 49%
CMY	0.4980, 0.6784, 0.5098
CMYK	0.00, 0.36, 0.02, 0.50
HSL	304°, 22%, 41%
HSV	304°, 36%, 50%
XYZ	15.6211, 12.1044, 20.9151
YIQ	100.6560, 13.6130, 23.1250

Conversions

Conversions Part 2

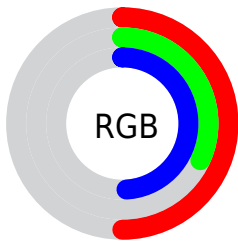
Format	Color
R _Y B	128, 82, 125
Decimal	8409725
CIE Lab	41.38, 26.55, -16.46
CIE LCh	41, 31.236, 328.193
Yxy	12.1044, 0.3212, 0.2489
Android (android.graphics.Color)	4286599805 (0xFF80527D)
YUV	100.6560, 12.0016, 23.9807
Hunter-Lab	34.7914, 19.2599, -11.2886

Details

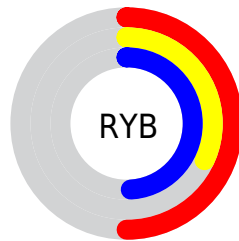
The YUV color **100.6560, 12.0016, 23.9807** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **109.3440, -12.0016, -23.9807**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.1940, 12.7224, 26.1399**, and **52.5310, 11.5702, 22.3363** is the 20% darker color. If you saturate the color by 10%, you get **92.9110, 15.3269, 30.7731**, and if you desaturate by 10%, it is **108.4010, 8.6763, 17.1883**.

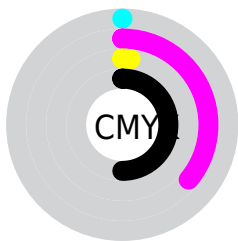
Distribution



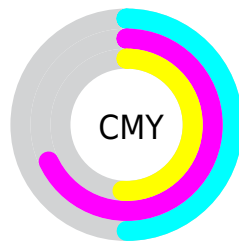
- Red (50%)
- Green (32%)
- Blue (49%)



- Red (50%)
- Yellow (32%)
- Blue (49%)



- Cyan (0%)
- Magenta (36%)
- Yellow (2%)
- Black (50%)



- Cyan (50%)
- Magenta (68%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.6560, 12.0016, 23.9807 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 100.6560, 12.0016, 23.9807 by changing the saturation by 10% instead.

■ 100.6560, 12.0016,
23.9807

■ 100.6560, 12.0016,
23.9807

■ 255.0000, 0.0000,
0.0000

■ 75.9440, 11.8596,
22.8511

■ 152.1940, 12.7224,
26.1399

■ 52.5310, 11.5702,
22.3363

■ 179.4930, 12.5750,
26.7546

■ 29.8190, 11.4282,
21.2067

■ 206.9060, 12.8643,
27.2694

■ 14.1130, 8.8183,
18.3179

■ 230.9330, 11.8650,
21.1068

■ 0.4560, 1.7472,
-0.3999

■ 247.3690, 3.7621,
6.6924

■ 0.0000, 0.0000,
0.0000

100.6560, 12.0016,
23.9807

100.6560, 12.0016,
23.9807

92.9110, 15.3269,
30.7731

108.4010, 8.6763,
17.1883

85.1660, 18.6522,
37.5654

116.1460, 5.3510,
10.3960

78.0080, 21.6881,
43.8430

123.3040, 2.3151,
4.1184

70.3770, 25.4501,
50.5354

130.9350, -1.4470,
-2.5740

62.6320, 28.7754,
57.3277

138.6800, -4.7722,
-9.3664

54.8870, 32.1007,
64.1201

146.4250, -8.0975,
-16.1587

51.9520, 33.5477,
66.6941

154.1700,
-11.4228, -22.9511

161.3280,

-14.4587, -29.2287

 169.0730,
-17.7840, -36.0210

Harmonies

Analogous

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



99.3090, 21.5397, -2.0250



100.6560, 12.0016, 23.9807



99.6550, 0.1701, 38.8906

Triad

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



100.6560, 12.0016, 23.9807



95.8670, -25.0774, 16.7796



78.3640, 21.0195, -68.7252

Complementary

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



100.6560, 12.0016, 23.9807



109.3440, -12.0016, -23.9807

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.



75.9870, 9.3734, -66.6406



100.6560, 12.0016, 23.9807



92.8860, -20.6498, -3.4080

Square

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



100.6560, 12.0016, 23.9807



97.1170, -20.7637, 33.2234



88.4190, -9.0806, -27.5545



78.8830, 30.6237, -69.1804

Rectangle

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



100.6560, 12.0016, 23.9807



98.3150, -7.5503, 41.8197



88.4190, -9.0806, -27.5545



78.0390, 17.2358, -68.4402

Sweetspot

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



100.6560, 12.0016, 23.9807



155.3200, 4.7722, 9.3664



87.8420, 19.7979, -3.3694



77.4290, 2.7465, 5.7628



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.



100.6560, 12.0016, 23.9807



123.1660, 18.6522, 37.5654



98.1480, 2.3920, 26.1802



59.7770, 1.5889, 3.7036



51.8380, 33.1109, 66.7941



0.0000, 0.0000, 0.0000

Inverse Universe

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



100.6560, 12.0016, 23.9807



123.1660, 18.6522, 37.5654



111.8520, -2.3920, -26.1802



59.7770, 1.5889, 3.7036



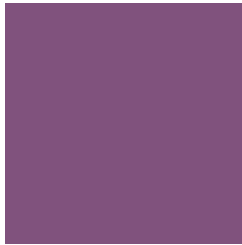
51.8380, 33.1109, 66.7941



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 100.6560, 12.0016, 23.9807 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 100.6560, 12.0016, 23.9807 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 100.6560, 12.0016, 23.9807

Background



This preview shows how black text looks on a background with the YUV color 100.6560, 12.0016, 23.9807.



This preview shows how white text looks on a background with the YUV color 100.6560, 12.0016,

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

100.6560, 12.0016, 23.9807

Protanopia

98.1570, 18.6566, -10.6617

Deuteranopia

98.6650, 11.5042, -3.2142



Tritanopia

99.5620, -2.2491, 21.4321

Trichromacy



Original Color

100.6560, 12.0016, 23.9807

Protanomaly

99.2510, 16.1453, 1.5339

Deuteranomaly

99.4320, 11.6190, 6.6371

Tritanomaly

99.9410, 2.9871, 21.9767

Monochromacy



Original Color

100.6560, 12.0016, 23.9807

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.9070, 4.4828, 8.8516

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.6560, 12.0016, 23.9807 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(128, 82, 125)` looks like.

```
.text, #text, p{  
    color:rgb(128, 82, 125)  
}
```

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(128, 82, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 82, 125) }
```

Border

The CSS property to change the border of an element to YUV 100.6560, 12.0016, 23.9807 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(128, 82, 125) }
```


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

```
.border{ border-color:rgb(128, 82, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 82, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 82, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 82, 125);  
box-shadow:4px 4px 4px 4px rgb(128, 82,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 100.6560, 12.0016, 23.9807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 82, 125) }
```

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

```
.background{ background-color: rgb(128, 82,  
125) }
```

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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