

Converting Colors

YUV(106.8230, 2.0593, 39.6202)

Have a look what the booklet for
YUV(106.8230, 2.0593, 39.6202)
contains.

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Color

**YUV(106.8230, 2.0593,
39.6202)**

Conversions

Conversions Part 1

Format	Color
Hex	98536F
RGB	152, 83, 111
RGB Percent	60%, 33%, 44%
CMY	0.4039, 0.6745, 0.5647
CMYK	0.00, 0.45, 0.27, 0.40
HSL	336°, 29%, 46%
HSV	336°, 45%, 60%
XYZ	18.9114, 14.0096, 16.7463
YIQ	106.8230, 32.1360, 23.3360

Conversions

Conversions Part 2

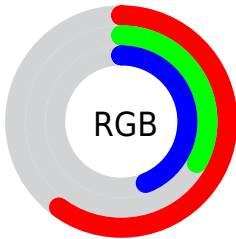
Format	Color
R_{YB}	152, 83, 111
Decimal	9982831
CIE _{Lab}	44.25, 32.21, -3.28
CIE _{LCh}	44, 32.381, 354.182
Yxy	14.0096, 0.3808, 0.2821
Android (android.graphics.Color)	4288172911 (0xFF98536F)
YUV	106.8230, 2.0593, 39.6202
Hunter-Lab	37.4294, 24.6865, -0.3264

Details

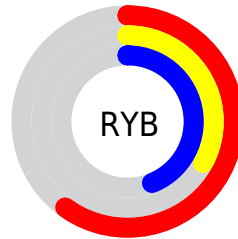
The YUV color **106.8230, 2.0593, 39.6202** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **128.1770, -2.0593, -39.6202**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.4320, 1.7590, 42.5941**, and **56.7410, 3.0857, 37.0611** is the 20% darker color. If you saturate the color by 10%, you get **96.9920, 2.4689, 48.2420**, and if you desaturate by 10%, it is **116.6540, 1.6496, 30.9984**.

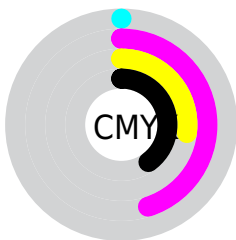
Distribution



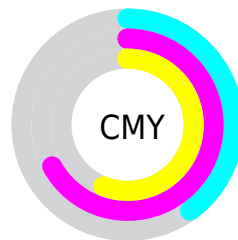
- Red (60%)
- Green (33%)
- Blue (44%)



- Red (60%)
- Yellow (33%)
- Blue (44%)



- Cyan (0%)
- Magenta (45%)
- Yellow (27%)
- Black (40%)



- Cyan (40%)
- Magenta (67%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YUV color 106.8230, 2.0593, 39.6202 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 106.8230, 2.0593, 39.6202 by changing the saturation by 10% instead.


 106.8230, 2.0593,
39.6202


 106.8230, 2.0593,
39.6202


255.0000, 0.0000,
0.0000

 81.9260, 2.5015,
37.7759

 159.4320, 1.7590,
42.5941


 56.7410, 3.0857,
37.0611


 187.0300, 1.4642,
43.8237


 31.3110, 5.2697,
36.5613

 211.3390, 2.7909,
38.2907

 17.0450, 1.9498,
28.0245

 231.0810, 7.3551,
20.9770

 5.3820, -2.6533,
11.0660

 249.1300, 2.8939,
5.1480

 0.0000, 0.0000,
0.0000

■ 106.8230, 2.0593,
39.6202

■ 106.8230, 2.0593,
39.6202

■ 96.9920, 2.4689,
48.2420

■ 116.6540, 1.6496,
30.9984

■ 87.1610, 2.8786,
56.8638

■ 126.4850, 1.2399,
22.3767

■ 76.7430, 3.5777,
66.0004

■ 136.9030, 0.5408,
13.2401

■ 66.9120, 3.9874,
74.6222

■ 146.7340, 0.1311,
4.6183

■ 57.0810, 4.3971,
83.2440

■ 156.5650, -0.2785,
-4.0035

■ 52.5160, 4.6756,
87.2475

■ 166.3960, -0.6882,
-12.6253

■ 176.2270, -1.0979,
-21.2471

■ 186.6450, -1.7970,

-30.3837

■ 196.4760, -2.2067,
-39.0055

Harmonies

Analogous

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



107.5140, 14.0436, 22.3512



106.8230, 2.0593, 39.6202



105.5280, -10.6133, 44.2639

Triad

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



106.8230, 2.0593, 39.6202



100.3270, -22.8392, -1.1638



84.3770, 31.3661, -73.9986

Complementary

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



106.8230, 2.0593, 39.6202



128.1770, -2.0593, -39.6202

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.



83.6300, 20.8884, -73.3435



106.8230, 2.0593, 39.6202



95.7460, -11.7068, -25.2102

Square

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



106.8230, 2.0593, 39.6202



102.6610, -25.9619, 20.4683



85.5210, 6.1521, -60.0929



96.0480, 30.5423, -43.0151

Rectangle

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



106.8230, 2.0593, 39.6202



104.8450, -18.1646, 39.6009



85.5210, 6.1521, -60.0929



84.7530, 27.7298, -74.3284

Sweetspot

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



106.8230, 2.0593, 39.6202



178.3270, 0.8248, 15.4992



102.8260, 24.2428, 17.6926



88.4680, 0.2623, 9.2366



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



106.8230, 2.0593, 39.6202



126.5960, 3.1572, 60.8673



107.1530, -11.9074, 39.3308



71.7340, 0.1311, 4.6183



48.3580, 4.2605, 80.3700



4.4570, 0.2677, 7.4922

Inverse Universe

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



106.8230, 2.0593, 39.6202



126.5960, 3.1572, 60.8673



127.8470, 11.9074, -39.3308



71.7340, 0.1311, 4.6183



48.3580, 4.2605, 80.3700



4.4570, 0.2677, 7.4922

Previews

White Background



This preview shows how the YUV color 106.8230, 2.0593, 39.6202 looks on a white background.

Color Contrast Check

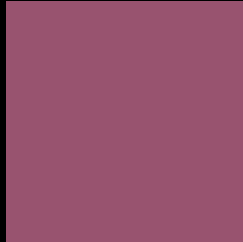
Large Text (above 18pt) WCAG AA ✓ Pass

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 106.8230, 2.0593, 39.6202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

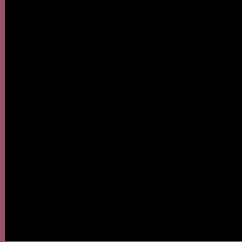
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 106.8230, 2.0593, 39.6202

Background



This preview shows how black text looks on a background with the YUV color 106.8230, 2.0593, 39.6202.



This preview shows how white text looks on a background with the YUV color 106.8230, 2.0593,

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

106.8230, 2.0593, 39.6202

Protanopia

105.3830, 9.1782, -3.8439

Deuteranopia

106.2720, 0.8519, 6.7775



Tritanopia

105.9340, -6.3765, 38.6459

Trichromacy



Original Color

106.8230, 2.0593, 39.6202

Protanomaly

105.7980, 6.5086, 12.4552

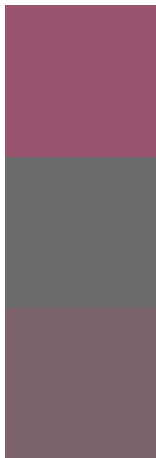
Deuteranomaly

106.4630, 1.2507, 18.8879

Tritanomaly

106.4440, -3.1769, 39.0756

Monochromacy



Original Color

106.8230, 2.0593, 39.6202

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.6150, 0.6828, 14.3696

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.8230, 2.0593, 39.6202 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(152, 83, 111)` looks like.

```
.text, #text, p{  
    color:rgb(152, 83, 111)  
}
```

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(152, 83, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 83, 111) }
```

Border

The CSS property to change the border of an element to YUV 106.8230, 2.0593, 39.6202 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(152, 83, 111) }
```


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

```
.border{ border-color:rgb(152, 83, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 83, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 83, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 83, 111);  
box-shadow:4px 4px 4px 4px rgb(152, 83,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 106.8230, 2.0593, 39.6202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 83, 111) }
```

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

```
.background{ background-color: rgb(152, 83,  
111) }
```

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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