

Converting Colors

YUV(93.6430, 12.0080, 68.7191)

Have a look what the booklet for
YUV(93.6430, 12.0080, 68.7191)
contains.

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Color

**YUV(93.6430, 12.0080,
68.7191)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | AC3176 |
| RGB | 172, 49, 118 |
| RGB Percent | 67%, 19%, 46% |
| CMY | 0.3255, 0.8078, 0.5373 |
| CMYK | 0.00, 0.72, 0.31, 0.33 |
| HSL | 326°, 56%, 43% |
| HSV | 326°, 72%, 67% |
| XYZ | 21.3816, 12.2753, 18.3820 |
| YIQ | 93.6430, 51.1590, 47.5350 |

Conversions

Conversions Part 2

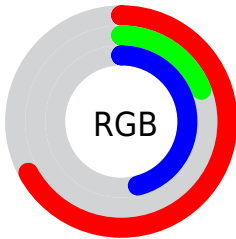
| Format | Color |
|-------------------------------------|---|
| RYB | 172, 49, 118 |
| Decimal | 11284854 |
| CIELab | 41.65, 55.60, -11.14 |
| CIELCh | 42, 56.703, 348.670 |
| Yxy | 12.2753, 0.4109, 0.2359 |
| Android (android.graphics.Color) | 4289474934 (0xFFAC3176) |
| YUV | 93.6430, 12.0080, 68.7191 |
| Hunter-Lab | 35.0361, 47.6205, -6.5817 |

Details

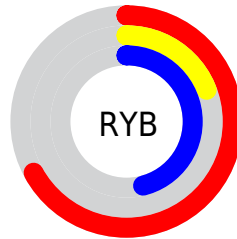
The YUV color **93.6430, 12.0080, 68.7191** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **127.3570, -12.0080, -68.7191**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.0840, 9.8186, 70.9633**, and **42.3650, 13.6241, 63.7009** is the 20% darker color. If you saturate the color by 10%, you get **82.7520, 13.4333, 78.2705**, and if you desaturate by 10%, it is **104.5340, 10.5827, 59.1677**.

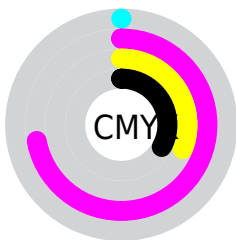
Distribution



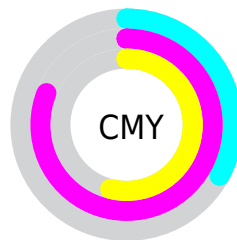
- Red (67%)
- Green (19%)
- Blue (46%)



- Red (67%)
- Yellow (19%)
- Blue (46%)



- Cyan (0%)
- Magenta (72%)
- Yellow (31%)
- Black (33%)





- Cyan (33%)
- Magenta (81%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YUV color 93.6430, 12.0080, 68.7191 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 93.6430, 12.0080, 68.7191 by changing the saturation by 10% instead.


 93.6430, 12.0080,
68.7191

 93.6430, 12.0080,
68.7191

255.0000, 0.0000,
0.0000


 60.4030, 16.0703,
72.4376


 150.0840, 9.8186,
70.9633


 42.3650, 13.6241,
63.7009


 176.7740, 9.9714,
68.6042


 31.6700, 7.5577,
49.4014

 196.4020, 14.0988,
51.3904

 21.6160, 2.6543,
35.4168

 216.1440, 18.6630,
34.0767

 9.9810, -4.4276,
20.1877

 233.2810, 10.7075,
19.0476

 0.0000, 0.0000,
0.0000

 250.3040, 2.3151,

4.1184

■ 93.6430, 12.0080,
68.7191

■ 93.6430, 12.0080,
68.7191

■ 82.7520, 13.4333,
78.2705

■ 104.5340, 10.5827,
59.1677

■ 71.9750, 15.2953,
87.7219

■ 115.3110, 8.7207,
49.7163

■ 62.3720, 16.5786,
96.1438

■ 126.7890, 7.0060,
39.6500

■ 137.5660, 5.1440,
30.1986

■ 148.4570, 3.7187,
20.6472

■ 159.2340, 1.8566,
11.1958

■ 170.1250, 0.4314,
1.6444

■ 181.4890, -1.7201,
-8.3219

■ 192.3800, -3.1453,
-17.8733

Harmonies

Analogous

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



100.6950, 29.7304, 30.9625



93.6430, 12.0080, 68.7191



90.0900, -9.4114, 78.8511

Triad

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



93.6430, 12.0080, 68.7191



89.1430, -43.9475, 2.5056



87.8310, 39.5233, -77.0278

Complementary

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



93.6430, 12.0080, 68.7191



127.3570, -12.0080, -68.7191

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.



84.3310, 21.0358, -73.9583



93.6430, 12.0080, 68.7191



78.1120, -23.7192, -45.7022

Square

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



93.6430, 12.0080, 68.7191



92.8960, -45.7977, 36.0482



78.1580, -0.0779, -68.5446



85.6430, 51.4480, -75.1089

Rectangle

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



93.6430, 12.0080, 68.7191



92.0230, -24.6613, 70.1398



78.1580, -0.0779, -68.5446



87.0500, 33.9924, -76.3428

Sweetspot

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



93.6430, 12.0080, 68.7191



194.1310, 4.8654, 26.1951



78.8690, 45.9136, 20.2859



94.1960, 2.8614, 15.6141



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



93.6430, 12.0080, 68.7191



101.1330, 19.1614, 107.7544



86.6890, -14.6367, 74.8177



81.2610, 0.8573, 5.0331



54.4260, 14.5800, 83.8184



8.3590, 2.2880, 12.8402

Inverse Universe

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



93.6430, 12.0080, 68.7191



101.1330, 19.1614, 107.7544



134.3110, 14.6367, -74.8177



81.2610, 0.8573, 5.0331



54.4260, 14.5800, 83.8184



8.3590, 2.2880, 12.8402

Previews

White Background



This preview shows how the YUV color 93.6430, 12.0080, 68.7191 looks on a white background.

Color Contrast Check

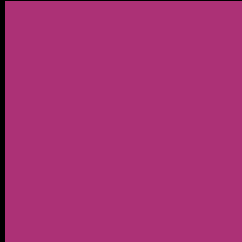
Large Text (above 18pt) WCAG AA ✓ Pass

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 93.6430, 12.0080, 68.7191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

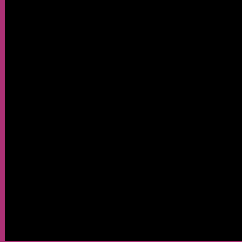
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.6430, 12.0080, 68.7191

Background



This preview shows how black text looks on a background with the YUV color 93.6430, 12.0080, 68.7191.



This preview shows how white text looks on a background with the YUV color 93.6430, 12.0080,

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

93.6430, 12.0080, 68.7191

Protanopia

98.1870, 26.5298, -15.9500

Deuteranopia

100.3900, 5.2307, 2.2890



Tritanopia

94.8510, -13.7305, 64.1517

Trichromacy



Original Color

93.6430, 12.0080, 68.7191

Protanomaly

96.7070, 21.3434, 14.2890

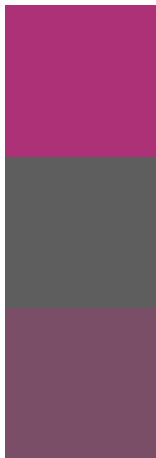
Deuteranomaly

98.2280, 7.7756, 26.1100

Tritanomaly

94.3810, -4.1318, 65.4409

Monochromacy



Original Color

93.6430, 12.0080, 68.7191

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.0060, 4.4340, 24.5507

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.6430, 12.0080, 68.7191 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(172, 49, 118)` looks like.

```
.text, #text, p{  
    color:rgb(172, 49, 118)  
}
```

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(172, 49, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 49, 118) }
```

Border

The CSS property to change the border of an element to YUV 93.6430, 12.0080, 68.7191 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(172, 49, 118) }
```


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

```
.border{ border-color:rgb(172, 49, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 49, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 49, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 49, 118); box-shadow:4px 4px 4px 4px rgb(172, 49, 118) }
```

Background

The CSS property to change the background color of an element to YUV 93.6430, 12.0080, 68.7191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 49, 118) }
```

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

```
.background{ background-color: rgb(172, 49,  
118) }
```

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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