

Converting Colors

YUV(118.3890, 20.5142,
47.0168)

Have a look what the booklet for
YUV(118.3890, 20.5142, 47.0168)
contains.

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Color

**YUV(118.3890, 20.5142,
47.0168)**

Conversions

Conversions Part 1

Format	Color
Hex	AC53A0
RGB	172, 83, 160
RGB Percent	67%, 33%, 63%
CMY	0.3255, 0.6745, 0.3725
CMYK	0.00, 0.52, 0.07, 0.33
HSL	308°, 35%, 50%
HSV	308°, 52%, 67%
XYZ	26.4517, 17.4952, 35.2405
YIQ	118.3890, 28.3270, 42.8150

Conversions

Conversions Part 2

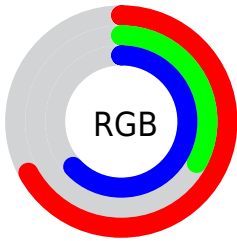
Format	Color
R_{YB}	172, 83, 160
Decimal	11293600
CIE _{Lab}	48.88, 46.80, -25.46
CIE _{LCh}	49, 53.273, 331.453
Yxy	17.4952, 0.3340, 0.2209
Android (android.graphics.Color)	4289483680 (0xFFAC53A0)
YUV	118.3890, 20.5142, 47.0168
Hunter-Lab	41.8273, 39.6860, -20.6741

Details

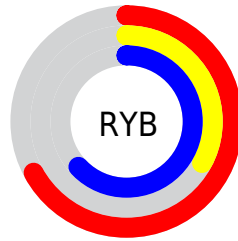
The YUV color **118.3890, 20.5142, 47.0168** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **136.6110, -20.5142, -47.0168**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.8130, 20.7982, 49.2760**, and **64.3180, 21.5352, 46.2021** is the 20% darker color. If you saturate the color by 10%, you get **108.1820, 24.5603, 55.9684**, and if you desaturate by 10%, it is **128.5960, 16.4682, 38.0653**.

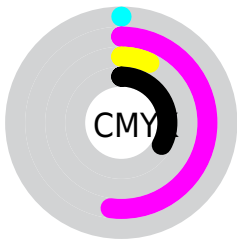
Distribution



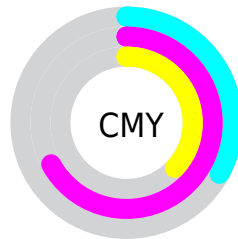
- Red (67%)
- Green (33%)
- Blue (63%)



- Red (67%)
- Yellow (33%)
- Blue (63%)



- Cyan (0%)
- Magenta (52%)
- Yellow (7%)
- Black (33%)



- Cyan (33%)
- Magenta (67%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.3890, 20.5142, 47.0168 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 118.3890, 20.5142, 47.0168 by changing the saturation by 10% instead.

■ 118.3890, 20.5142,
47.0168

■ 118.3890, 20.5142,
47.0168

255.0000, 0.0000,
0.0000

■ 91.7910, 20.8090,
45.7873

■ 172.8130, 20.7982,
49.2760

■ 64.3180, 21.5352,
46.2021

■ 199.6280, 21.3824,
48.5612

■ 36.7850, 23.2770,
47.5466

■ 217.4320, 18.5210,
32.9471

■ 26.2750, 16.6264,
33.9618

■ 234.4550, 10.1287,
18.0180

■ 17.1890, 10.2598,
22.6362

■ 251.4780, 1.7363,
3.0888

■ 2.2970, 6.2626,
-2.0145

■ 0.0000, 0.0000,

0.0000

■ 118.3890, 20.5142,
47.0168

■ 118.3890, 20.5142,
47.0168

■ 108.1820, 24.5603,
55.9684

■ 128.5960, 16.4682,
38.0653

■ 97.8610, 28.1695,
65.0199

■ 138.9170, 12.8589,
29.0138

■ 87.0670, 32.5050,
74.4862

■ 149.7110, 8.5235,
19.5475

■ 76.8600, 36.5510,
83.4378

■ 159.9180, 4.4774,
10.5959

■ 68.4140, 39.7289,
90.8449

■ 170.2390, 0.8682,
1.5444

■ 180.4460, -3.1779,
-7.4071

■ 190.6530, -7.2239,
-16.3587

■ 201.5610,
-11.1226, -25.9250

■ 211.7680,
-15.1686, -34.8765

Harmonies

Analogous

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



118.1580, 37.3901, 0.7384



118.3890, 20.5142, 47.0168



113.7930, 1.0881, 71.2185

Triad

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



118.3890, 20.5142, 47.0168



109.3800, -49.9803, 24.2227



98.8870, 31.1147, -86.7239

Complementary

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



118.3890, 20.5142, 47.0168



136.6110, -20.5142, -47.0168

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.



93.7570, 11.4588, -82.2249



118.3890, 20.5142, 47.0168



105.1780, -37.0628, -12.4341

Square

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



118.3890, 20.5142, 47.0168



112.2430, -38.5738, 52.4069



86.7520, -7.7657, -76.0815



99.7140, 46.9760, -87.4492

Rectangle

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



118.3890, 20.5142, 47.0168



112.7320, -13.1789, 73.9030



86.7520, -7.7657, -76.0815



97.2910, 24.9995, -85.3242

Sweetspot

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



118.3890, 20.5142, 47.0168



202.4120, 8.6709, 18.9327



96.7340, 37.1061, -1.5207



99.3310, 4.7668, 11.1107



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.



118.3890, 20.5142, 47.0168



140.3550, 32.3630, 73.3567



113.3730, 1.2951, 51.4159



81.6030, 2.1677, 4.7332



59.6700, 34.6727, 79.2194



9.1570, 5.3456, 12.1403

Inverse Universe

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



118.3890, 20.5142, 47.0168



140.3550, 32.3630, 73.3567



141.6270, -1.2951, -51.4159



81.6030, 2.1677, 4.7332



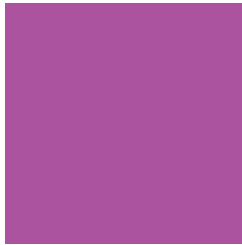
59.6700, 34.6727, 79.2194



9.1570, 5.3456, 12.1403

Previews

White Background



This preview shows how the YUV color 118.3890, 20.5142, 47.0168 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 118.3890, 20.5142, 47.0168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

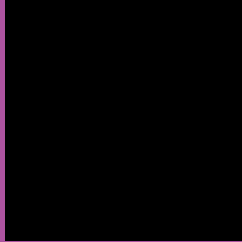
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 118.3890, 20.5142, 47.0168

Background



This preview shows how black text looks on a background with the YUV color 118.3890, 20.5142, 47.0168.



This preview shows how white text looks on a background with the YUV color 118.3890, 20.5142,

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

118.3890, 20.5142, 47.0168

Protanopia

115.0320, 34.9872, -21.9531

Deuteranopia

117.1680, 18.6512, -8.9173



Tritanopia

117.7280, -7.2609, 42.3345

Trichromacy



Original Color

118.3890, 20.5142, 47.0168

Protanomaly

116.5190, 29.8171, 3.0528

Deuteranomaly

117.5280, 19.4597, 11.8149

Tritanomaly

117.7850, 3.0640, 44.0386

Monochromacy



Original Color

118.3890, 20.5142, 47.0168

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.0590, 7.3659, 17.4883

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.3890, 20.5142, 47.0168 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, 83, 160)` looks like.

```
.text, #text, p{  
    color:rgb(172, 83, 160)  
}
```

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, 83, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 83, 160) }
```

Border

The CSS property to change the border of an element to YUV 118.3890, 20.5142, 47.0168 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, 83, 160) }
```


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

```
.border{ border-color:rgb(172, 83, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 83, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 83, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 83, 160);  
box-shadow:4px 4px 4px 4px rgb(172, 83,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 118.3890, 20.5142, 47.0168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 83, 160) }
```

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

```
.background{ background-color: rgb(172, 83,  
160) }
```

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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