

Converting Colors

YUV(91.3190, 23.5067, 67.2492)

Have a look what the booklet for
YUV(91.3190, 23.5067, 67.2492)
contains.

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Color

**YUV(91.3190, 23.5067,
67.2492)**

Conversions

Conversions Part 1

Format	Color
Hex	A82B8B
RGB	168, 43, 139
RGB Percent	66%, 17%, 55%
CMY	0.3412, 0.8314, 0.4549
CMYK	0.00, 0.74, 0.17, 0.34
HSL	314°, 59%, 41%
HSV	314°, 74%, 66%
XYZ	21.6725, 11.9167, 25.5840
YIQ	91.3190, 43.6840, 56.3560

Conversions

Conversions Part 2

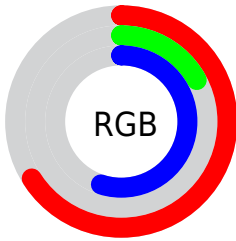
Format	Color
R_{YB}	168, 43, 139
Decimal	11021195
CIE _{Lab}	41.08, 59.42, -24.99
CIE _{LCh}	41, 64.459, 337.184
Yxy	11.9167, 0.3663, 0.2014
Android (android.graphics.Color)	4289211275 (0xFFA82B8B)
YUV	91.3190, 23.5067, 67.2492
Hunter-Lab	34.5205, 51.6542, -19.7769

Details

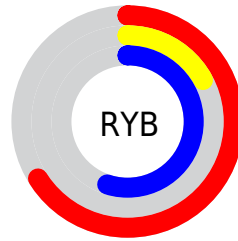
The YUV color **91.3190, 23.5067, 67.2492** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **119.6810, -23.5067, -67.2492**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.8630, 21.7595, 67.6491**, and **43.6340, 22.3654, 59.9570** is the 20% darker color. If you saturate the color by 10%, you get **80.8840, 26.6792, 76.4007**, and if you desaturate by 10%, it is **101.7540, 20.3343, 58.0977**.

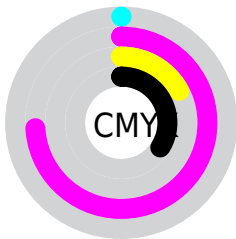
Distribution



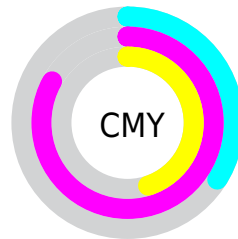
- Red (66%)
- Green (17%)
- Blue (55%)



- Red (66%)
- Yellow (17%)
- Blue (55%)



- Cyan (0%)
- Magenta (74%)
- Yellow (17%)
- Black (34%)





- Cyan (34%)
- Magenta (83%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YUV color 91.3190, 23.5067, 67.2492 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 91.3190, 23.5067, 67.2492 by changing the saturation by 10% instead.


 91.3190, 23.5067,
67.2492


 91.3190, 23.5067,
67.2492


255.0000, 0.0000,
0.0000


 54.7420, 28.7212,
74.7713

 148.8630, 21.7595,
67.6491


 43.6340, 22.3654,
59.9570

 177.1620, 21.6121,
68.2639


 32.8250, 15.8623,
45.7575

 196.7900, 25.7395,
51.0502

 22.8420, 9.9379,
32.5876

 213.9100, 20.2574,
36.0359

 11.3640, 4.7505,
16.3438

 230.9330, 11.8650,
21.1068

 0.0000, 0.0000,
0.0000

 247.9560, 3.4727,

■ 91.3190, 23.5067,
67.2492

■ 91.3190, 23.5067,
67.2492

■ 80.8840, 26.6792,
76.4007

■ 101.7540, 20.3343,
58.0977

■ 70.4490, 29.8516,
85.5522

■ 112.1890, 17.1618,
48.9462

■ 64.9380, 31.5826,
90.3854

■ 122.0370, 14.2788,
40.3096

■ 132.4720, 11.1063,
31.1581

■ 142.7930, 7.4971,
22.1065

■ 153.2280, 4.3246,
12.9550

■ 163.6630, 1.1521,
3.8035

■ 173.5110, -1.7309,
-4.8331

■ 183.9460, -4.9034,
-13.9846

Harmonies

Analogous

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



98.5490, 41.1413, 10.9195



91.3190, 23.5067, 67.2492



79.0440, 3.9223, 95.5544

Triad

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



91.3190, 23.5067, 67.2492



90.1060, -44.4223, 14.8160



88.0930, 35.4502, -77.2576

Complementary

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



91.3190, 23.5067, 67.2492



119.6810, -23.5067, -67.2492

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.



82.2790, 13.1735, -72.1587



91.3190, 23.5067, 67.2492



79.2100, -39.0505, -28.2482

Square

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



91.3190, 23.5067, 67.2492



90.6360, -44.6835, 52.0622



74.7210, -10.7085, -65.5303



88.5610, 52.4744, -77.6680

Rectangle

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



91.3190, 23.5067, 67.2492



83.5490, -15.5537, 88.9725



74.7210, -10.7085, -65.5303



86.2690, 28.4614, -75.6579

Sweetspot

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



91.3190, 23.5067, 67.2492



189.5700, 9.0860, 25.8101



65.3230, 50.6198, 4.1017



92.1790, 5.3348, 15.6290



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



91.3190, 23.5067, 67.2492



99.4050, 36.7753, 104.8848



84.3650, -3.1379, 73.3479



79.0760, 1.4415, 4.3183



57.2480, 27.9787, 79.5895



7.8040, 4.0406, 10.6959

Inverse Universe

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



91.3190, 23.5067, 67.2492



99.4050, 36.7753, 104.8848



126.6350, 3.1379, -73.3479



79.0760, 1.4415, 4.3183



57.2480, 27.9787, 79.5895



7.8040, 4.0406, 10.6959

Previews

White Background



This preview shows how the YUV color 91.3190, 23.5067, 67.2492 looks on a white background.

Color Contrast Check

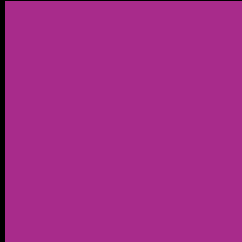
Large Text (above 18pt) WCAG AA ✓ Pass

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 91.3190, 23.5067, 67.2492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

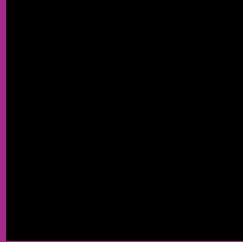
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.3190, 23.5067, 67.2492

Background



This preview shows how black text looks on a background with the YUV color 91.3190, 23.5067, 67.2492.



This preview shows how white text looks on a background with the YUV color 91.3190, 23.5067,

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

91.3190, 23.5067, 67.2492

Protanopia

92.3600, 44.1925, -34.5187

Deuteranopia

98.0110, 16.7566, -7.9026



Tritanopia

95.1600, -12.4039, 58.6187

Trichromacy



Original Color

91.3190, 23.5067, 67.2492

Protanomaly

91.9410, 36.5111, 2.6827

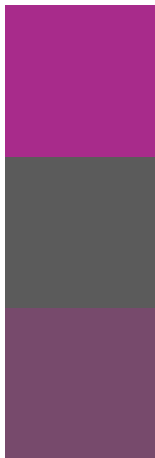
Deuteranomaly

95.8710, 19.2906, 19.4071

Tritanomaly

93.9120, 0.5364, 61.4672

Monochromacy



Original Color

91.3190, 23.5067, 67.2492

Achromatopsia

91.0000, 0.0000, 0.0000

Achromatomaly

91.3310, 8.2178, 24.2657

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.3190, 23.5067, 67.2492 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(168, 43, 139)` looks like.

```
.text, #text, p{  
    color:rgb(168, 43, 139)  
}
```

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(168, 43, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 43, 139) }
```

Border

The CSS property to change the border of an element to YUV 91.3190, 23.5067, 67.2492 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(168, 43, 139) }
```


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

```
.border{ border-color:rgb(168, 43, 139) }
```

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

Here you see how a box with a 4 pixel rgb(168, 43, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 43, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 43, 139);  
box-shadow:4px 4px 4px 4px rgb(168, 43,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 91.3190, 23.5067, 67.2492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 43, 139) }
```

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

```
.background{ background-color: rgb(168, 43,  
139) }
```

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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