

Converting Colors

YUV(91.8940, 31.6043, 83.4080)

Have a look what the booklet for
YUV(91.8940, 31.6043, 83.4080)
contains.

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Color

**YUV(91.8940, 31.6043,
83.4080)**

Conversions

Conversions Part 1

Format	Color
Hex	BB1F9C
RGB	187, 31, 156
RGB Percent	73%, 12%, 61%
CMY	0.2667, 0.8784, 0.3882
CMYK	0.00, 0.83, 0.17, 0.27
HSL	312°, 72%, 43%
HSV	312°, 83%, 73%
XYZ	26.9843, 13.9451, 32.7219
YIQ	91.8940, 52.8510, 71.9470

Conversions

Conversions Part 2

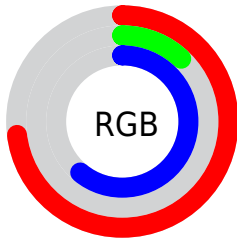
Format	Color
R_{YB}	187, 31, 156
Decimal	12263324
CIE _{Lab}	44.15, 69.34, -30.25
CIE _{LCh}	44, 75.647, 336.429
Yxy	13.9451, 0.3664, 0.1893
Android (android.graphics.Color)	4290453404 (0xFFBB1F9C)
YUV	91.8940, 31.6043, 83.4080
Hunter-Lab	37.3431, 63.6343, -25.8128

Details

The YUV color **91.8940, 31.6043, 83.4080** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **126.1060, -31.6043, -83.4080**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.8460, 27.6839, 80.8191**, and **50.4270, 26.4115, 68.9085** is the 20% darker color. If you saturate the color by 10%, you get **80.2850, 35.3555, 93.5891**, and if you desaturate by 10%, it is **103.5030, 27.8530, 73.2269**.

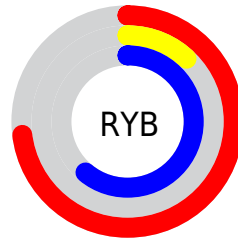
Distribution



Red (73%)

Green (12%)

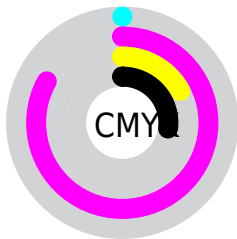
Blue (61%)



Red (73%)

Yellow (12%)

Blue (61%)

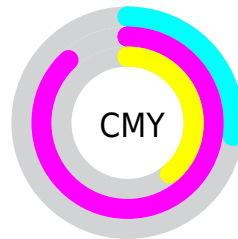


Cyan (0%)

Magenta (83%)

Yellow (17%)

Black (27%)



Cyan (27%)

Magenta (88%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.8940, 31.6043, 83.4080 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 91.8940, 31.6043, 83.4080 by changing the saturation by 10% instead.

91.8940, 31.6043,
83.4080

91.8940, 31.6043,
83.4080

255.0000, 0.0000,
0.0000

62.0620, 33.4934,
84.1376

154.8460, 27.6839,
80.8191

50.4270, 26.4115,
68.9085

177.4530, 30.3427,
68.0087

39.3190, 20.0557,
54.0942

196.3000, 28.9391,
51.4799

28.5100, 13.5526,
39.8947

213.3230, 20.5468,
36.5507

17.9290, 7.9230,
25.4953

230.3460, 12.1544,
21.6216

0.7980, 3.0576,
-0.6998

247.9560, 3.4727,

0.0000, 0.0000,

6.1776

0.0000

■ 91.8940, 31.6043,
83.4080

■ 91.8940, 31.6043,
83.4080

■ 80.2850, 35.3555,
93.5891

■ 103.5030, 27.8530,
73.2269

■ 73.0130, 37.9546,
99.9666

■ 114.4110, 23.9544,
63.6606

■ 126.0200, 20.2031,
53.4795

■ 137.6290, 16.4519,
43.2984

■ 149.2380, 12.7007,
33.1173

■ 160.1460, 8.8020,
23.5510

■ 171.7550, 5.0508,
13.3699

■ 183.3640, 1.2995,
3.1888

■ 194.2720, -2.5991,
-6.3775

Harmonies

Analogous

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



105.5410, 50.0193, 10.0495



91.8940, 31.6043, 83.4080



73.8050, 9.9561, 120.3200

Triad

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



91.8940, 31.6043, 83.4080



96.9060, -47.7747, 16.7454



96.6020, 40.1292, -84.7200

Complementary

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



91.8940, 31.6043, 83.4080



126.1060, -31.6043, -83.4080

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.



89.6480, 13.4845, -78.6213



91.8940, 31.6043, 83.4080



82.9980, -40.9180, -35.9552

Square

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



91.8940, 31.6043, 83.4080



97.1810, -47.9102, 60.3543



80.2490, -14.9128, -70.3784



97.9820, 60.6479, -85.9302

Rectangle

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



91.8940, 31.6043, 83.4080



78.5010, -12.5720, 112.6936



80.2490, -14.9128, -70.3784



94.4360, 31.8301, -82.8204

Sweetspot

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



91.8940, 31.6043, 83.4080



205.4120, 12.1219, 32.0877



57.4550, 63.8657, 2.2320



100.0700, 7.3605, 19.2326



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



91.8940, 31.6043, 83.4080



94.4740, 49.0663, 129.3803



83.2300, -1.5924, 91.0063



88.4890, 1.7309, 4.8331



61.7200, 32.1830, 84.4376



12.1190, 6.3503, 16.5586

Inverse Universe

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



91.8940, 31.6043, 83.4080



94.4740, 49.0663, 129.3803



134.7700, 1.5924, -91.0063



88.4890, 1.7309, 4.8331



61.7200, 32.1830, 84.4376



12.1190, 6.3503, 16.5586

Previews

White Background



This preview shows how the YUV color 91.8940, 31.6043, 83.4080 looks on a white background.

Color Contrast Check

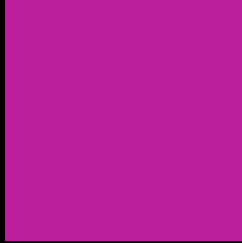
Large Text (above 18pt) WCAG AA ✓ Pass

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 91.8940, 31.6043, 83.4080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

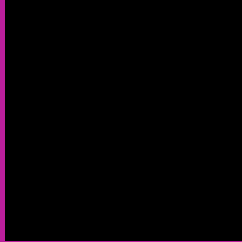
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.8940, 31.6043, 83.4080

Background



This preview shows how black text looks on a background with the YUV color 91.8940, 31.6043, 83.4080.



This preview shows how white text looks on a background with the YUV color 91.8940, 31.6043,

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

91.8940, 31.6043, 83.4080

Protanopia

91.6310, 59.8349, -58.4354

Deuteranopia

105.3140, 20.5512, -11.6764



Tritanopia

100.2430, -14.9098, 69.0699

Trichromacy



Original Color

91.8940, 31.6043, 83.4080



Protanomaly

91.6160, 49.4893, -6.6792



Deuteranomaly

100.2720, 24.5159, 23.4405



Tritanomaly

97.0430, 1.9508, 74.5073

Monochromacy



Original Color

91.8940, 31.6043, 83.4080



Achromatopsia

92.0000, 0.0000, 0.0000



Achromatomaly

92.1730, 11.2537, 30.5433

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.8940, 31.6043, 83.4080 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(187, 31, 156)` looks like.

```
.text, #text, p{  
    color:rgb(187, 31, 156)  
}
```

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(187, 31, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 31, 156) }
```

Border

The CSS property to change the border of an element to YUV 91.8940, 31.6043, 83.4080 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(187, 31, 156) }
```


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

```
.border{ border-color:rgb(187, 31, 156) }
```

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

Here you see how a box with a 4 pixel rgb(187, 31, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 31, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 31, 156);  
box-shadow:4px 4px 4px 4px rgb(187, 31,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 91.8940, 31.6043, 83.4080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 31, 156) }
```

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

```
.background{ background-color: rgb(187, 31,  
156) }
```

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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