

Converting Colors

YUV(91.1880, 69.4203, 87.5351)

Have a look what the booklet for
YUV(91.1880, 69.4203, 87.5351)
contains.

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Color

**YUV(91.1880, 69.4203,
87.5351)**

Conversions

Conversions Part 1

Format	Color
Hex	BF0DE8
RGB	191, 13, 232
RGB Percent	75%, 5%, 91%
CMY	0.2510, 0.9490, 0.0902
CMYK	0.18, 0.94, 0.00, 0.09
HSL	289°, 89%, 48%
HSV	289°, 94%, 91%
XYZ	36.1953, 17.1904, 77.7543
YIQ	91.1880, 35.7890, 105.8450

Conversions

Conversions Part 2

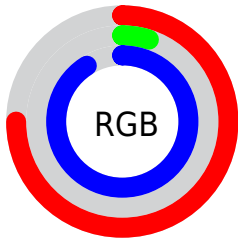
Format	Color
R_{YB}	191, 13, 232
Decimal	12520936
CIE _{Lab}	48.50, 84.40, -67.56
CIE _{LCh}	48, 108.113, 321.324
Yxy	17.1904, 0.2760, 0.1311
Android (android.graphics.Color)	4290711016 (0xFFBF0DE8)
YUV	91.1880, 69.4203, 87.5351
Hunter-Lab	41.4613, 83.2712, -82.1663

Details

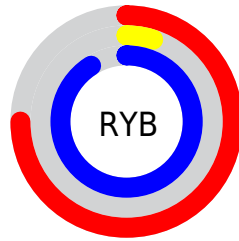
The YUV color **91.1880, 69.4203, 87.5351** is a dark color, and the websafe version is hex **CC33FF**. The color can be described as middle washed purple. A complement of this color would be **153.8120, -69.4203, -87.5351**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.1830, 46.7448, 80.5235**, and **59.1190, 57.1293, 63.0396** is the 20% darker color. If you saturate the color by 10%, you get **82.9590, 73.4772, 92.9980**, and if you desaturate by 10%, it is **105.8850, 62.1747, 78.1539**.

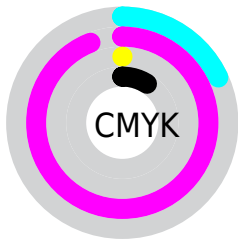
Distribution



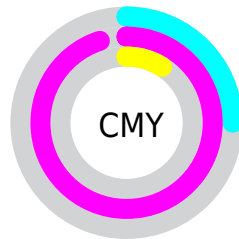
- Red (75%)
- Green (5%)
- Blue (91%)



- Red (75%)
- Yellow (5%)
- Blue (91%)



- Cyan (18%)
- Magenta (94%)
- Yellow (0%)
- Black (9%)





- Cyan (25%)
- Magenta (95%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 91.1880, 69.4203, 87.5351 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 91.1880, 69.4203, 87.5351 by changing the saturation by 10% instead.


 91.1880, 69.4203,
87.5351


 91.1880, 69.4203,
87.5351


255.0000, 0.0000,
0.0000

 71.2810, 64.9375,
78.6836


 160.1830, 46.7448,
80.5235


 59.1190, 57.1293,
63.0396


 179.2770, 37.3314,
66.4091


 47.3700, 49.6106,
47.9105


 196.8870, 28.6497,
50.9651

 35.3220, 42.2393,
32.1666

 213.9100, 20.2574,
36.0359

 23.6870, 35.1573,
16.9375

 231.5200, 11.5756,
20.5920

 7.9800, 30.5759,
-6.9985

 249.7170, 2.6045,

 7.7060, 19.3719,

4.6332

-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 91.1880, 69.4203,
87.5351

■ 91.1880, 69.4203,
87.5351

■ 82.9590, 73.4772,
92.9980

■ 105.8850, 62.1747,
78.1539

■ 120.8810, 54.7817,
69.3874

■ 136.1650, 47.2467,
59.4913

■ 150.8620, 40.0010,
50.1100

■ 165.8580, 32.6080,
41.3435

■ 180.5550, 25.3624,
31.9623

■ 195.2520, 18.1168,
22.5810

■ 210.8350, 10.4343,
13.2997

■ 225.5320, 3.1887,
3.9184

Harmonies

Analogous

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



90.7050, 80.9974, -79.5483



91.1880, 69.4203, 87.5351



92.8890, 26.1837, 142.1713

Triad

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



91.1880, 69.4203, 87.5351



109.1980, -53.8346, 47.1844



107.9830, 35.5044, -94.7011

Complementary

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



91.1880, 69.4203, 87.5351



153.8120, -69.4203, -87.5351

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.



95.9790, -5.4126, -84.1736



91.1880, 69.4203, 87.5351



98.7350, -48.6764, -20.8156

Square

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



91.1880, 69.4203, 87.5351



88.9940, -43.8740, 119.2773



83.3540, -41.0935, -73.1015



115.9460, 68.5536, -101.6846

Rectangle

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



91.1880, 69.4203, 87.5351



86.0490, -0.0242, 148.1700



83.3540, -41.0935, -73.1015



103.8620, 22.2530, -91.0870

Sweetspot

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



91.1880, 69.4203, 87.5351



209.4360, 22.4631, 28.5586



63.7940, 82.9256, -44.5463



99.4810, 14.0599, 17.1182



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



91.1880, 69.4203, 87.5351



90.9630, 80.8702, 101.7644



95.9230, 34.5480, 119.3395



107.3580, 3.7675, 4.9480



63.7610, 56.8128, 71.2466



18.0730, 16.2330, 20.1070

Inverse Universe

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



83.1550, -14.3734, 130.5371



81.7170, -16.6225, 151.9692



149.0770, -34.5480, -119.3395



106.8160, -0.8953, 7.1774



57.2830, -11.9715, 106.7458



16.3890, -3.1498, 30.3538

Previews

White Background



This preview shows how the YUV color 91.1880, 69.4203, 87.5351 looks on a white background.

Color Contrast Check

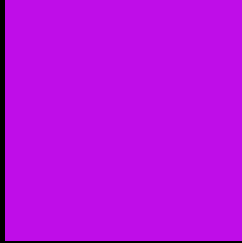
Large Text (above 18pt) WCAG AA ✓ Pass

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 91.1880, 69.4203, 87.5351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

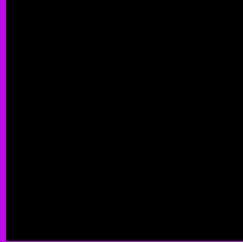
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.1880, 69.4203, 87.5351

Background



This preview shows how black text looks on a background with the YUV color 91.1880, 69.4203, 87.5351.



This preview shows how white text looks on a background with the YUV color 91.1880, 69.4203,

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

91.1880, 69.4203, 87.5351

Protanopia

92.7620, 71.1093, -81.3523

Tritanopia

116.0170, -8.8824, 49.0971

Trichromacy



Original Color

91.1880, 69.4203, 87.5351



Protanomaly

92.0330, 70.4827, -20.1999



Tritanomaly

107.2600, 19.5918, 62.9160

Monochromacy



Original Color

91.1880, 69.4203, 87.5351



Achromatopsia

91.0000, 0.0000, 0.0000



Achromatomaly

91.1420, 25.0730, 31.4475

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.1880, 69.4203, 87.5351 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(191, 13, 232)` looks like.

```
.text, #text, p{  
    color:rgb(191, 13, 232)  
}
```

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(191, 13, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 13, 232) }
```

Border

The CSS property to change the border of an element to YUV 91.1880, 69.4203, 87.5351 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(191, 13, 232) }
```

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

```
.border{ border-color:rgb(191, 13, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 13, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 13, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 13, 232);  
box-shadow:4px 4px 4px 4px rgb(191, 13,  
232) }
```


Background

The CSS property to change the background color of an element to YUV 91.1880, 69.4203, 87.5351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 13, 232) }
```

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

```
.background{ background-color: rgb(191, 13,  
232) }
```

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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