

Converting Colors

YUV(80.8790, -9.3073, 92.1911)

Have a look what the booklet for
YUV(80.8790, -9.3073, 92.1911)
contains.

YUV(80.8790, -9.3073, 92.1911)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(80.8790, -9.3073,
92.1911)**

Conversions

Conversions Part 1

Format	Color
Hex	BA1F3E
RGB	186, 31, 62
RGB Percent	73%, 12%, 24%
CMY	0.2706, 0.8784, 0.7569
CMYK	0.00, 0.83, 0.67, 0.27
HSL	348°, 71%, 43%
HSV	348°, 83%, 73%
XYZ	21.6092, 11.7669, 5.6897
YIQ	80.8790, 82.4290, 42.5010

Conversions

Conversions Part 2

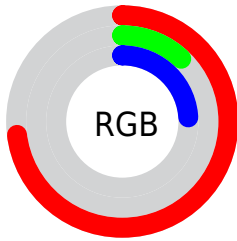
Format	Color
R_{YB}	186, 31, 62
Decimal	12197694
CIE Lab	40.84, 60.15, 23.23
CIE LCh	41, 64.484, 21.118
Yxy	11.7669, 0.5531, 0.3012
Android (android.graphics.Color)	4290387774 (0xFFBA1F3E)
YUV	80.8790, -9.3073, 92.1911
Hunter-Lab	34.3029, 52.4165, 14.1777

Details

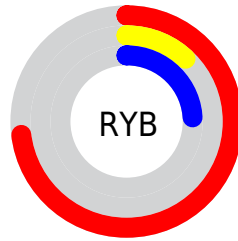
The YUV color **80.8790, -9.3073, 92.1911** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **136.1210, 9.3073, -92.1911**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.7560, -16.1487, 93.1760**, and **39.7690, -9.2531, 74.7476** is the 20% darker color. If you saturate the color by 10%, you get **68.0160, -10.3609, 103.4720**, and if you desaturate by 10%, it is **93.7420, -8.2538, 80.9103**.

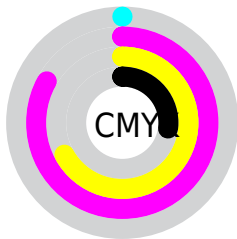
Distribution



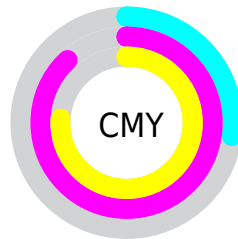
- Red (73%)
- Green (12%)
- Blue (24%)



- Red (73%)
- Yellow (12%)
- Blue (24%)



- Cyan (0%)
- Magenta (83%)
- Yellow (67%)
- Black (27%)





- Cyan (27%)
- Magenta (88%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.8790, -9.3073, 92.1911 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 80.8790, -9.3073, 92.1911 by changing the saturation by 10% instead.


 80.8790, -9.3073,
92.1911


 80.8790, -9.3073,
92.1911


255.0000, 0.0000,
0.0000


 50.9050, -5.3762,
91.2913

 141.7560,
-16.1487, 93.1760

 39.7690, -9.2531,
74.7476


 163.1350,
-14.3636, 80.5656

 28.4050, -14.0037,
58.4038

 182.6490,
-10.6730, 63.4518

 20.3750, -8.5659,
40.8901

 202.7500, -7.2717,
45.8233

 10.2800, -4.5750,
20.8024

 222.8510, -3.8705,
28.1947

 0.0000, 0.0000,
0.0000

 243.1800, 0.4043,

10.3661

■ 80.8790, -9.3073,
92.1911

■ 80.8790, -9.3073,
92.1911

■ 68.0160, -10.3609,
103.4720

■ 93.7420, -8.2538,
80.9103

■ 59.8320, -11.2562,
110.6493

■ 106.0180, -6.9109,
70.1442

■ 118.8810, -5.8573,
58.8634

■ 131.1570, -4.5144,
48.0973

■ 143.9060, -3.8977,
36.9164

■ 156.7690, -2.8441,
25.6356

■ 169.0450, -1.5012,
14.8695

■ 181.9080, -0.4476,
3.5887

■ 194.1840, 0.8953,
-7.1774

Harmonies

Analogous

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



82.6650, 15.4482, 85.3628



80.8790, -9.3073, 92.1911



87.4840, -40.6646, 69.7355

Triad

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



80.8790, -9.3073, 92.1911



69.0840, -24.6914, -60.5867



86.4240, 56.9790, -75.7938

Complementary

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



80.8790, -9.3073, 92.1911



136.1210, 9.3073, -92.1911

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.



88.3840, 44.1807, -77.5128



80.8790, -9.3073, 92.1911



78.1580, -0.0779, -68.5446

Square

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



80.8790, -9.3073, 92.1911



86.1530, -42.4734, -3.6422



85.0150, 23.6566, -74.5582



88.0420, 53.2233, -37.7478

Rectangle

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



80.8790, -9.3073, 92.1911



90.6030, -44.6673, 46.8292



85.0150, 23.6566, -74.5582



87.6150, 53.9268, -76.8384

Sweetspot

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



80.8790, -9.3073, 92.1911



201.3080, -3.6028, 35.6869



85.7460, 49.4252, 60.7358



97.5620, -2.2491, 21.4321



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.



80.8790, -9.3073, 92.1911



77.8300, -14.7062, 143.9771



104.9340, -36.4495, 71.0949



85.8050, -0.8899, 5.4330



50.1780, -9.4548, 92.8059



9.0560, -1.5066, 16.6139

Inverse Universe

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



80.8790, -9.3073, 92.1911



77.8300, -14.7062, 143.9771



112.0660, 36.4495, -71.0949



85.8050, -0.8899, 5.4330



50.1780, -9.4548, 92.8059



9.0560, -1.5066, 16.6139

Previews

White Background



This preview shows how the YUV color 80.8790, -9.3073, 92.1911 looks on a white background.

Color Contrast Check

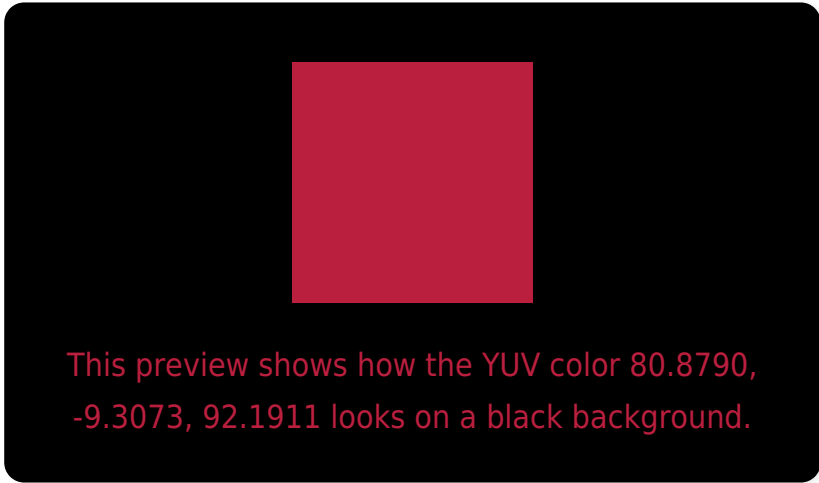
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

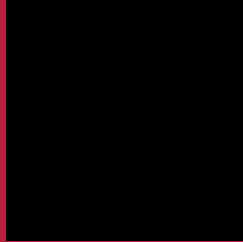
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.8790, -9.3073, 92.1911

Background



This preview shows how black text looks on a background with the YUV color 80.8790, -9.3073, 92.1911.



This preview shows how white text looks on a background with the YUV color 80.8790, -9.3073,

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

80.8790, -9.3073, 92.1911

Protanopia

97.4690, -4.6682, 3.9737

Deuteranopia

96.3280, -20.8677, 19.8833



Tritanopia

81.2520, -21.8162, 90.9870

Trichromacy



Original Color

80.8790, -9.3073, 92.1911

Protanomaly

91.6240, -6.2236, 36.2868

Deuteranomaly

90.3450, -16.4391, 46.1784

Tritanomaly

81.1040, -17.3063, 91.1168

Monochromacy



Original Color

80.8790, -9.3073, 92.1911

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

80.9980, -3.4500, 33.3278

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.8790, -9.3073, 92.1911 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(186, 31, 62)` looks like.

```
.text, #text, p{  
    color:rgb(186, 31, 62)  
}
```

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(186, 31, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 31, 62) }
```

Border

The CSS property to change the border of an element to YUV 80.8790, -9.3073, 92.1911 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(186, 31, 62) }
```


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

```
.border{ border-color:rgb(186, 31, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 31, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 31, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 31, 62);  
box-shadow:4px 4px 4px 4px rgb(186, 31,  
62) }
```

Background

The CSS property to change the background color of an element to YUV 80.8790, -9.3073, 92.1911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 31, 62) }
```

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

```
.background{ background-color: rgb(186, 31,  
62) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor