

Converting Colors

YUV(77.9940, 6.4120, 90.3363)

Have a look what the booklet for
YUV(77.9940, 6.4120, 90.3363)
contains.

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Color

**YUV(77.9940, 6.4120,
90.3363)**

Conversions

Conversions Part 1

Format	Color
Hex	B5175B
RGB	181, 23, 91
RGB Percent	71%, 9%, 36%
CMY	0.2902, 0.9098, 0.6431
CMYK	0.00, 0.87, 0.50, 0.29
HSL	334°, 77%, 40%
HSV	334°, 87%, 71%
XYZ	21.2508, 11.1919, 10.9377
YIQ	77.9940, 72.3400, 54.6440

Conversions

Conversions Part 2

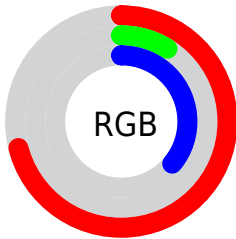
Format	Color
R_{YB}	181, 23, 91
Decimal	11867995
CIE Lab	39.90, 62.51, 3.41
CIE LCh	40, 62.607, 3.123
Yxy	11.1919, 0.4899, 0.2580
Android (android.graphics.Color)	4290058075 (0xFFB5175B)
YUV	77.9940, 6.4120, 90.3363
Hunter-Lab	33.4543, 54.8416, 4.0334

Details

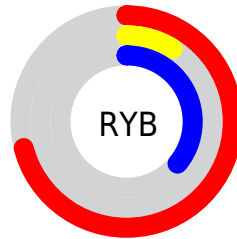
The YUV color **77.9940, 6.4120, 90.3363** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **126.0060, -6.4120, -90.3363**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.2620, -0.1292, 88.3472**, and **41.7220, 2.1091, 70.4038** is the 20% darker color. If you saturate the color by 10%, you get **66.2880, 7.2530, 100.6024**, and if you desaturate by 10%, it is **89.7000, 5.5709, 80.0701**.

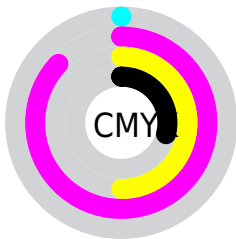
Distribution



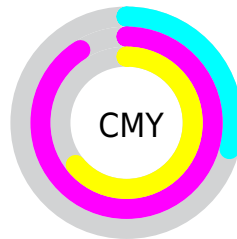
- Red (71%)
- Green (9%)
- Blue (36%)



- Red (71%)
- Yellow (9%)
- Blue (36%)



- Cyan (0%)
- Magenta (87%)
- Yellow (50%)
- Black (29%)



- Cyan (29%)
- Magenta (91%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.9940, 6.4120, 90.3363 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 77.9940, 6.4120, 90.3363 by changing the saturation by 10% instead.

■ 77.9940, 6.4120,
90.3363

■ 77.9940, 6.4120,
90.3363

255.0000, 0.0000,
0.0000

■ 52.9010, 7.4438,
86.0328

■ 141.2620, -0.1292,
88.3472

■ 41.7220, 2.1091,
70.4038

■ 164.5490, 1.2083,
79.3255

■ 30.7710, -2.3521,
54.5748

■ 184.6500, 4.6096,
61.6970

■ 20.3750, -8.5659,
40.8901

■ 204.2780, 8.7369,
44.4832

■ 9.9810, -4.4276,
20.1877

■ 224.6070, 13.0117,
26.6547

■ 0.0000, 0.0000,
0.0000

■ 242.6730, 6.0772,

10.8108

■ 77.9940, 6.4120,
90.3363

■ 77.9940, 6.4120,
90.3363

■ 66.2880, 7.2530,
100.6024

■ 89.7000, 5.5709,
80.0701

■ 63.0110, 7.3896,
103.4764

■ 101.5200, 5.1666,
69.7040

■ 113.2260, 4.3256,
59.4378

■ 124.9320, 3.4845,
49.1716

■ 137.3390, 2.7909,
38.2907

■ 149.0450, 1.9498,
28.0245

■ 160.7510, 1.1088,
17.7584

■ 172.4570, 0.2677,
7.4922

■ 184.2770, -0.1366,
-2.8739

Harmonies

Analogous

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



90.9050, 24.6968, 58.8423



77.9940, 6.4120, 90.3363



83.1260, -20.7681, 81.4505

Triad

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



77.9940, 6.4120, 90.3363



78.9660, -38.9302, -20.1412



86.3610, 49.1220, -75.7386

Complementary

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



77.9940, 6.4120, 90.3363



126.0060, -6.4120, -90.3363

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.



85.0780, 31.5135, -74.6134



77.9940, 6.4120, 90.3363



71.3470, -13.4821, -62.5713

Square

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



77.9940, 6.4120, 90.3363



88.0680, -43.4175, 19.2344



79.2640, 9.2368, -69.5145



80.5710, 57.3995, -70.6608

Rectangle

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



77.9940, 6.4120, 90.3363



85.6360, -41.2325, 65.2172



79.2640, 9.2368, -69.5145



86.3950, 44.1753, -75.7684

Sweetspot

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



77.9940, 6.4120, 90.3363



195.2030, 2.3649, 34.9020



67.9220, 55.7475, 39.5334



93.5880, 1.6821, 20.5323



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



77.9940, 6.4120, 90.3363



81.7790, 9.4760, 134.3748



76.6990, -26.4736, 91.4720



83.1470, 0.4205, 5.1331



53.2710, 6.2754, 87.4623



9.0280, 0.9722, 14.8844

Inverse Universe

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



77.9940, 6.4120, 90.3363



81.7790, 9.4760, 134.3748



127.3010, 26.4736, -91.4720



83.1470, 0.4205, 5.1331



53.2710, 6.2754, 87.4623



9.0280, 0.9722, 14.8844

Previews

White Background



This preview shows how the YUV color 77.9940, 6.4120, 90.3363 looks on a white background.

Color Contrast Check

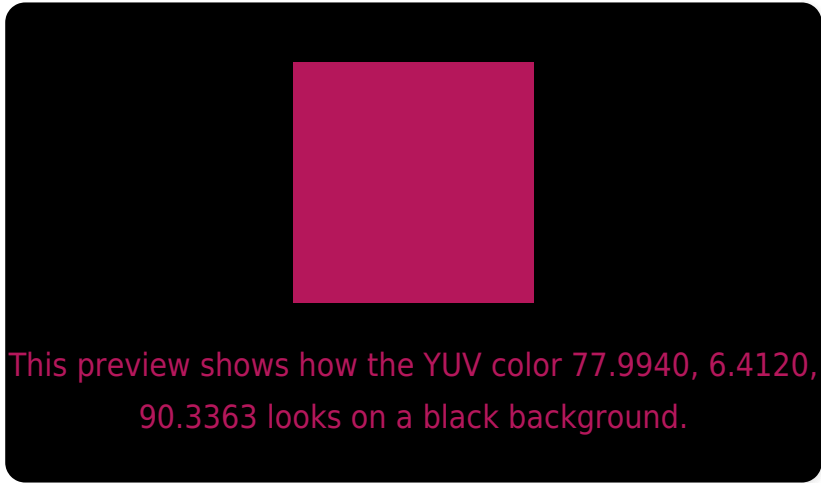
Large Text (above 18pt) WCAG AA ✓ Pass

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 77.9940, 6.4120, 90.3363

Background



This preview shows how black text looks on a background with the YUV color 77.9940, 6.4120, 90.3363.



This preview shows how white text looks on a background with the YUV color 77.9940, 6.4120,

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

77.9940, 6.4120, 90.3363

Protanopia

95.4840, 16.0304, -8.3175

Deuteranopia

96.1710, -6.0003, 11.2510



Tritanopia

82.3760, -19.9054, 84.7392

Trichromacy



Original Color

77.9940, 6.4120, 90.3363

Protanomaly

89.2050, 12.7169, 27.8842

Deuteranomaly

89.6120, -1.2877, 39.8053

Tritanomaly

80.6180, -10.1647, 87.1580

Monochromacy



Original Color

77.9940, 6.4120, 90.3363

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.8930, 2.5178, 32.5428

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.9940, 6.4120, 90.3363 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(181, 23, 91)` looks like.

```
.text, #text, p{  
    color:rgb(181, 23, 91)  
}
```

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(181, 23, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 23, 91) }
```

Border

The CSS property to change the border of an element to YUV 77.9940, 6.4120, 90.3363 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(181, 23, 91) }
```


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

```
.border{ border-color:rgb(181, 23, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 23, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 23, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 23, 91);  
box-shadow:4px 4px 4px 4px rgb(181, 23,  
91) }
```

Background

The CSS property to change the background color of an element to YUV 77.9940, 6.4120, 90.3363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 23, 91) }
```

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

```
.background{ background-color: rgb(181, 23,  
91) }
```

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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