

Converting Colors

YUV(59.7690, 31.1729, 81.7636)

Have a look what the booklet for
YUV(59.7690, 31.1729, 81.7636)
contains.

YUV(59.7690, 31.1729, 81.7636)	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>	30

Color

**YUV(59.7690, 31.1729,
81.7636)**

Conversions

Conversions Part 1

Format	Color
Hex	99007B
RGB	153, 0, 123
RGB Percent	60%, 0%, 48%
CMY	0.4000, 1.0000, 0.5176
CMYK	0.00, 1.00, 0.20, 0.40
HSL	312°, 100%, 30%
HSV	312°, 100%, 60%
XYZ	16.7120, 8.2024, 19.4413
YIQ	59.7690, 51.7050, 70.6890

Conversions

Conversions Part 2

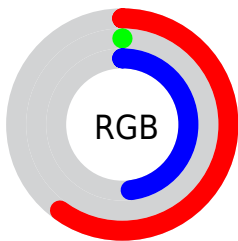
Format	Color
R_{YB}	153, 0, 123
Decimal	10027131
CIE _{Lab}	34.40, 62.87, -25.72
CIE _{LCh}	34, 67.927, 337.748
Yxy	8.2024, 0.3768, 0.1849
Android (android.graphics.Color)	4288217211 (0xFF99007B)
YUV	59.7690, 31.1729, 81.7636
Hunter-Lab	28.6398, 54.0396, -20.1995

Details

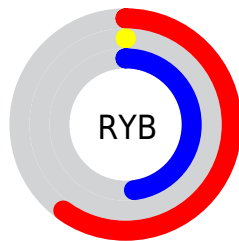
The YUV color **59.7690, 31.1729, 81.7636** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **93.2310, -31.1729, -81.7636**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.3520, 23.4905, 72.4823**, and **37.4390, 18.0246, 52.2350** is the 20% darker color. If you saturate the color by 10%, you get **59.7690, 31.1729, 81.7636**, and if you desaturate by 10%, it is **68.9160, 28.1424, 73.7417**.

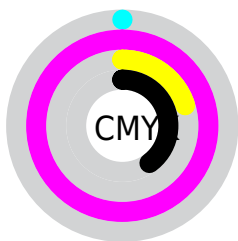
Distribution



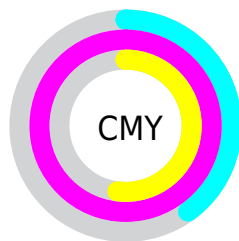
- Red (60%)
- Green (0%)
- Blue (48%)



- Red (60%)
- Yellow (0%)
- Blue (48%)



- Cyan (0%)
- Magenta (100%)
- Yellow (20%)
- Black (40%)



- Cyan (40%)
- Magenta (100%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 59.7690, 31.1729, 81.7636 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 59.7690, 31.1729, 81.7636 by changing the saturation by 10% instead.

■ 59.7690, 31.1729,
81.7636

■ 59.7690, 31.1729,
81.7636

255.0000, 0.0000,
0.0000

■ 48.5470, 24.3803,
67.0493

■ 128.3520, 23.4905,
72.4823

■ 37.4390, 18.0246,
52.2350

■ 157.4230, 22.4695,
73.2970

■ 26.7440, 11.9582,
37.9355

■ 181.3510, 24.9700,
64.5902

■ 16.4620, 6.1812,
24.1508

■ 200.4090, 26.9134,
47.8763

■ 0.0000, 0.0000,
0.0000

■ 217.4320, 18.5210,
32.9471

■ 234.4550, 10.1287,

18.0180

252.0650, 1.4470,
2.5740

59.7690, 31.1729,
81.7636

68.9160, 28.1424,
73.7417

78.6500, 24.8225,
65.2049

87.7970, 21.7921,
57.1830

96.9440, 18.7616,
49.1611

106.6780, 15.4417,
40.6244

■ 115.8250, 12.4113,
32.6025

■ 124.9720, 9.3808,
24.5806

■ 134.1190, 6.3503,
16.5586

■ 143.8530, 3.0305,
8.0219

Harmonies

Analogous

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



81.3040, 42.7411, 11.1344



59.7690, 31.1729, 81.7636



59.1090, 5.3693, 98.1284

Triad

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



59.7690, 31.1729, 81.7636



74.7340, -36.8439, 10.7573



76.6320, 34.6914, -67.2063

Complementary

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



59.7690, 31.1729, 81.7636



93.2310, -31.1729, -81.7636

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.



70.5900, 11.5411, -61.9074



59.7690, 31.1729, 81.7636



60.8480, -29.9981, -38.4547

Square

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



59.7690, 31.1729, 81.7636



75.5630, -37.2526, 48.6182



62.8040, -13.2144, -55.0791



78.2740, 51.1369, -68.6463

Rectangle

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



59.7690, 31.1729, 81.7636



53.9230, -9.3290, 99.1685



62.8040, -13.2144, -55.0791



75.2810, 26.9765, -66.0214

Sweetspot

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



59.7690, 31.1729, 81.7636



162.4120, 12.1219, 32.0877



25.8140, 62.7027, 1.9171



77.6570, 7.0711, 18.7178



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



59.7690, 31.1729, 81.7636



77.7410, 40.5537, 106.3441



51.2190, -1.5870, 89.2619



72.0760, 1.4415, 4.3183



54.7420, 28.7212, 74.7713



5.0270, 2.4517, 6.9923

Inverse Universe

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



59.7690, 31.1729, 81.7636



77.7410, 40.5537, 106.3441



101.7810, 1.5870, -89.2619



72.0760, 1.4415, 4.3183



54.7420, 28.7212, 74.7713



5.0270, 2.4517, 6.9923

Previews

White Background



This preview shows how the YUV color 59.7690, 31.1729, 81.7636 looks on a white background.

Color Contrast Check

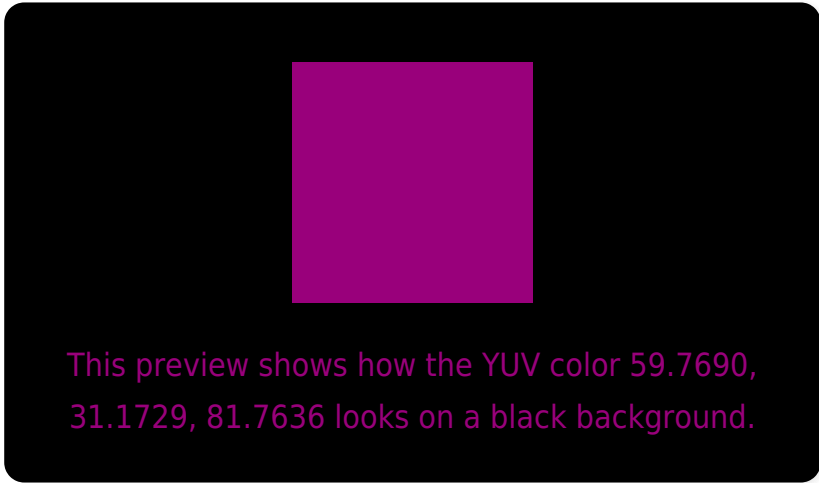
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

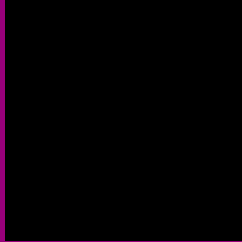
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 59.7690, 31.1729, 81.7636

Background



This preview shows how black text looks on a background with the YUV color 59.7690, 31.1729, 81.7636.



This preview shows how white text looks on a background with the YUV color 59.7690, 31.1729,

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



Protanopia

67.1550, 51.6886, -58.8949

Deuteranopia

83.9570, 15.3042, -8.7323

Tritanopia

77.9430, -13.2829, 60.5630

Trichromacy



Protanomaly

64.8240, 43.9638, -7.7386

Deuteranomaly

75.3600, 21.0215, 24.2403

Tritanomaly

71.5260, 2.6987, 67.9447

Monochromacy



Achromatopsia

60.0000, 0.0000, 0.0000

Achromatomaly

59.8740, 11.4011, 29.9285

CSS Examples

Text

The CSS property to change the color of the text to YUV 59.7690, 31.1729, 81.7636 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(153, 0, 123)` looks like.

```
.text, #text, p{  
    color:rgb(153, 0, 123)  
}
```

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(153, 0, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 0, 123) }
```

Border

The CSS property to change the border of an element to YUV 59.7690, 31.1729, 81.7636 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(153, 0, 123) }
```

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

```
.border{ border-color:rgb(153, 0, 123) }
```

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

Here you see how a box with a 4 pixel rgb(153, 0, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 0, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 0, 123);  
box-shadow:4px 4px 4px 4px rgb(153, 0,  
123) }
```


Background

The CSS property to change the background color of an element to YUV 59.7690, 31.1729, 81.7636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 0, 123) }
```

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

```
.background{ background-color: rgb(153, 0,  
123) }
```

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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