

Converting Colors

YUV(61.1710, 31.4677, 80.5340)

Have a look what the booklet for
YUV(61.1710, 31.4677, 80.5340)
contains.

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Color

**YUV(61.1710, 31.4677,
80.5340)**

Conversions

Conversions Part 1

Format	Color
Hex	99027D
RGB	153, 2, 125
RGB Percent	60%, 1%, 49%
CMY	0.4000, 0.9922, 0.5098
CMYK	0.00, 0.99, 0.18, 0.40
HSL	311°, 97%, 30%
HSV	311°, 99%, 60%
XYZ	16.8602, 8.2964, 20.1148
YIQ	61.1710, 50.5130, 70.2650

Conversions

Conversions Part 2

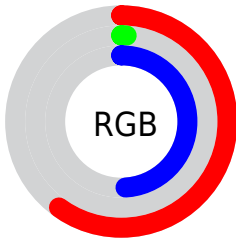
Format	Color
RYB	153, 2, 125
Decimal	10027645
CIELab	34.59, 62.87, -26.68
CIElCh	35, 68.293, 337.006
Yxy	8.2964, 0.3724, 0.1833
Android (android.graphics.Color)	4288217725 (0xFF99027D)
YUV	61.1710, 31.4677, 80.5340
Hunter-Lab	28.8035, 54.0798, -21.2425

Details

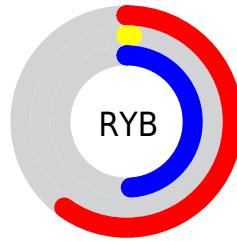
The YUV color **61.1710, 31.4677, 80.5340** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **93.8290, -31.4677, -80.5340**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.1670, 24.0747, 71.7675**, and **37.6670, 18.8982, 52.0350** is the 20% darker color. If you saturate the color by 10%, you get **59.9970, 32.0465, 81.5636**, and if you desaturate by 10%, it is **70.3180, 28.4372, 72.5121**.

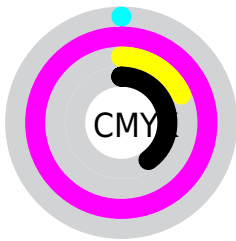
Distribution



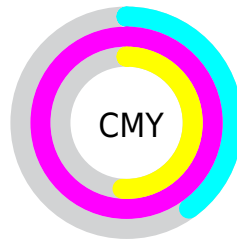
- Red (60%)
- Green (1%)
- Blue (49%)



- Red (60%)
- Yellow (1%)
- Blue (49%)



- Cyan (0%)
- Magenta (99%)
- Yellow (18%)
- Black (40%)



- Cyan (40%)
- Magenta (99%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.1710, 31.4677, 80.5340 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 61.1710, 31.4677, 80.5340 by changing the saturation by 10% instead.

■ 61.1710, 31.4677,
80.5340

■ 61.1710, 31.4677,
80.5340

255.0000, 0.0000,
0.0000

■ 48.7750, 25.2539,
66.8493

■ 129.1670, 24.0747,
71.7675

■ 37.6670, 18.8982,
52.0350

■ 158.3520, 23.4905,
72.4823

■ 26.9720, 12.8318,
37.7356

■ 182.1660, 25.5542,
63.8754

■ 16.6900, 7.0548,
23.9509

■ 200.9960, 26.6240,
47.3615

■ 0.0000, 0.0000,
0.0000

■ 218.0190, 18.2316,
32.4323

■ 235.0420, 9.8393,

17.5032

252.6520, 1.1576,
2.0592

61.1710, 31.4677,
80.5340

61.1710, 31.4677,
80.5340

59.9970, 32.0465,
81.5636

70.3180, 28.4372,
72.5121

80.0520, 25.1174,
63.9754

89.1990, 22.0869,
55.9535

98.2320, 18.6196,
48.0315

107.3790, 15.5892,
40.0096

■ 117.1130, 12.2693,
31.4729

■ 126.2600, 9.2388,
23.4510

■ 135.4070, 6.2083,
15.4291

■ 145.1410, 2.8885,
6.8923

Harmonies

Analogous

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



81.5210, 43.6201, 9.1901



61.1710, 31.4677, 80.5340



59.5220, 5.6587, 98.6432

Triad

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



61.1710, 31.4677, 80.5340



75.9190, -37.4281, 11.4720



77.1050, 33.9652, -67.6211

Complementary

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



61.1710, 31.4677, 80.5340



93.8290, -31.4677, -80.5340

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.



71.0630, 10.8149, -62.3223



61.1710, 31.4677, 80.5340



62.0440, -30.5877, -35.9956

Square

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



61.1710, 31.4677, 80.5340



76.1610, -37.5474, 49.8478



63.2770, -13.9406, -55.4939



78.3880, 51.5737, -68.7463

Rectangle

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



61.1710, 31.4677, 80.5340



54.6350, -9.1871, 100.2981



63.2770, -13.9406, -55.4939



75.2810, 26.9765, -66.0214

Sweetspot

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



61.1710, 31.4677, 80.5340



162.5260, 12.5587, 31.9877



27.5860, 61.8291, 2.1171



77.7710, 7.5079, 18.6178



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.



61.1710, 31.4677, 80.5340



77.9690, 41.4273, 106.1442



52.6210, -1.2922, 88.0324



72.0760, 1.4415, 4.3183



54.8560, 29.1580, 74.6713



5.0270, 2.4517, 6.9923

Inverse Universe

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



61.1710, 31.4677, 80.5340



77.9690, 41.4273, 106.1442



102.3790, 1.2922, -88.0324



72.0760, 1.4415, 4.3183



54.8560, 29.1580, 74.6713



5.0270, 2.4517, 6.9923

Previews

White Background



This preview shows how the YUV color 61.1710, 31.4677, 80.5340 looks on a white background.

Color Contrast Check

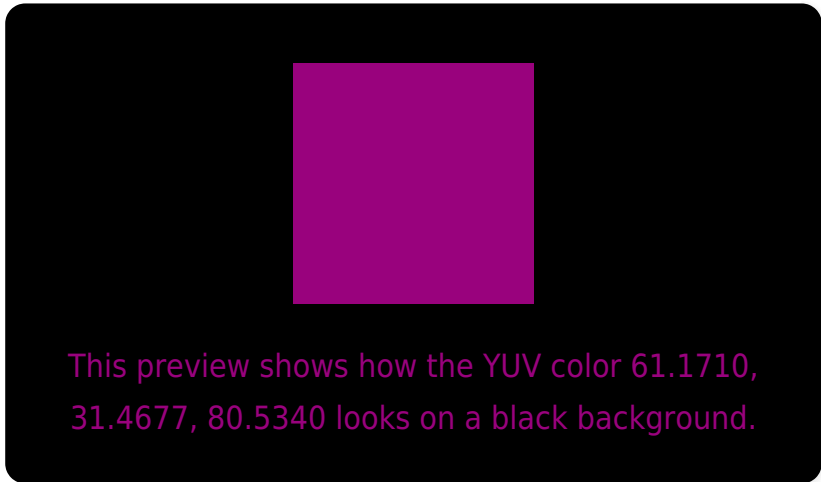
Large Text (above 18pt) WCAG AA ✓ Pass

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

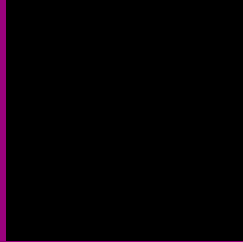
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.1710, 31.4677, 80.5340

Background



This preview shows how black text looks on a background with the YUV color 61.1710, 31.4677, 80.5340.



This preview shows how white text looks on a background with the YUV color 61.1710, 31.4677,

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

61.1710, 31.4677, 80.5340

Deuteranopia

83.8860, 16.3252, -9.5470

Tritanopia

78.6440, -13.1355, 59.9482

Trichromacy



Original Color

61.1710, 31.4677, 80.5340

Deuteranomaly

75.8760, 21.7531, 22.9107

Tritanomaly

72.3410, 3.2829, 67.2299

Monochromacy



Original Color

61.1710, 31.4677, 80.5340

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

61.1620, 11.2591, 28.7989

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.1710, 31.4677, 80.5340 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, 2, 125)` looks like.

```
.text, #text, p{  
    color:rgb(153, 2, 125)  
}
```

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, 2, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 2, 125) }
```

Border

The CSS property to change the border of an element to YUV 61.1710, 31.4677, 80.5340 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, 2, 125) }
```

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

```
.border{ border-color:rgb(153, 2, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 2, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 2, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 2, 125);  
box-shadow:4px 4px 4px 4px rgb(153, 2,  
125) }
```


Background

The CSS property to change the background color of an element to YUV 61.1710, 31.4677, 80.5340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 2, 125) }
```

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

```
.background{ background-color: rgb(153, 2,  
125) }
```

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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