

Converting Colors

YUV(62.7800, -5.8075, 89.6469)

Have a look what the booklet for
YUV(62.7800, -5.8075, 89.6469)
contains.

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Color

**YUV(62.7800, -5.8075,
89.6469)**

Conversions

Conversions Part 1

Format	Color
Hex	A50D33
RGB	165, 13, 51
RGB Percent	65%, 5%, 20%
CMY	0.3529, 0.9490, 0.8000
CMYK	0.00, 0.92, 0.69, 0.35
HSL	345°, 85%, 35%
HSV	345°, 92%, 65%
XYZ	16.2585, 8.5262, 3.9208
YIQ	62.7800, 78.3940, 44.0420

Conversions

Conversions Part 2

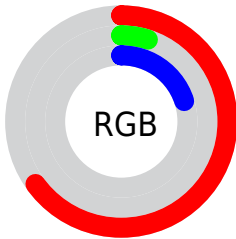
Format	Color
R _Y B	165, 13, 51
Decimal	10816819
CIE Lab	35.06, 57.49, 21.98
CIE LCh	35, 61.549, 20.926
Yxy	8.5262, 0.5664, 0.2970
Android (android.graphics.Color)	4289006899 (0xFFA50D33)
YUV	62.7800, -5.8075, 89.6469
Hunter-Lab	29.1997, 48.2903, 12.4786

Details

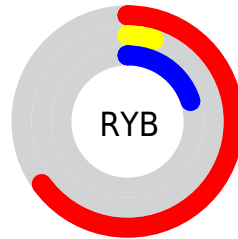
The YUV color **62.7800, -5.8075, 89.6469** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **115.2200, 5.8075, -89.6469**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.1790, -14.3852, 87.5430**, and **32.1930, -12.4201, 63.8517** is the 20% darker color. If you saturate the color by 10%, you get **54.0090, -6.4134, 97.3391**, and if you desaturate by 10%, it is **74.1270, -5.4856, 79.6956**.

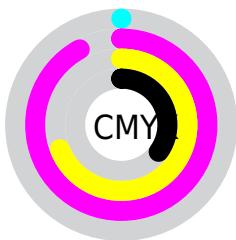
Distribution



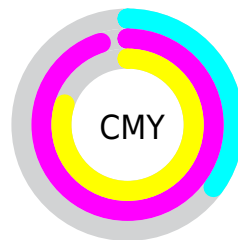
- Red (65%)
- Green (5%)
- Blue (20%)



- Red (65%)
- Yellow (5%)
- Blue (20%)



- Cyan (0%)
- Magenta (92%)
- Yellow (69%)
- Black (35%)



- Cyan (35%)
- Magenta (95%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 62.7800, -5.8075, 89.6469 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 62.7800, -5.8075, 89.6469 by changing the saturation by 10% instead.

62.7800, -5.8075,
89.6469

62.7800, -5.8075,
89.6469

255.0000, 0.0000,
0.0000

43.7850, -6.7960,
79.9956

126.1790,
-14.3852, 87.5430

32.1930, -12.4201,
63.8517

154.1360,
-15.8430, 88.4577

22.8380, -10.7661,
46.6231

173.4220,
-13.0260, 71.5439

14.2810, -6.0545,
28.6946

192.9360, -9.3354,
54.4301

0.0000, 0.0000,
0.0000

213.0370, -5.9342,
36.8016

233.2520, -2.0962,

19.0730

253.2390, 0.8682,
1.5444

■ 62.7800, -5.8075,
89.6469

■ 62.7800, -5.8075,
89.6469

■ 54.0090, -6.4134,
97.3391

■ 74.1270, -5.4856,
79.6956

■ 85.0010, -4.4375,
70.1591

■ 96.3480, -4.1156,
60.2078

■ 107.2220, -3.0674,
50.6713

■ 118.5690, -2.7455,
40.7200

■ 129.3290, -2.1342,
31.2835

■ 140.7900, -1.3755,
21.2322

■ 151.5500, -0.7641,
11.7957

■ 162.8970, -0.4422,
1.8443

Harmonies

Analogous

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



63.3490, 18.0689, 84.7629



62.7800, -5.8075, 89.6469



73.8900, -36.4278, 64.1175

Triad

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



62.7800, -5.8075, 89.6469



58.2100, -25.7395, -51.0502



75.2250, 52.1471, -65.9723

Complementary

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



62.7800, -5.8075, 89.6469



115.2200, 5.8075, -89.6469

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.



77.4130, 40.2224, -67.8912



62.7800, -5.8075, 89.6469



67.2840, -1.1260, -59.0081

Square

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



62.7800, -5.8075, 89.6469



73.4610, -36.2163, -3.9123



73.6850, 20.8613, -64.6217



71.8520, 51.3450, -41.9662

Rectangle

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



62.7800, -5.8075, 89.6469



77.5900, -38.2519, 42.4556



73.6850, 20.8613, -64.6217



77.0030, 48.8055, -67.5316

Sweetspot

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



62.7800, -5.8075, 89.6469



173.6500, -2.2924, 35.3870



64.4140, 49.5889, 54.8879



82.7900, -1.3755, 21.2322



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



62.7800, -5.8075, 89.6469



70.1420, -7.9580, 126.1635



80.7540, -33.4027, 73.8837



75.9190, -0.4531, 5.3330



47.4590, -5.6493, 85.5435



5.8380, -0.9061, 10.6661

Inverse Universe

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



62.7800, -5.8075, 89.6469



70.1420, -7.9580, 126.1635



97.2460, 33.4027, -73.8837



75.9190, -0.4531, 5.3330



47.4590, -5.6493, 85.5435



5.8380, -0.9061, 10.6661

Previews

White Background



This preview shows how the YUV color 62.7800, -5.8075, 89.6469 looks on a white background.

Color Contrast Check

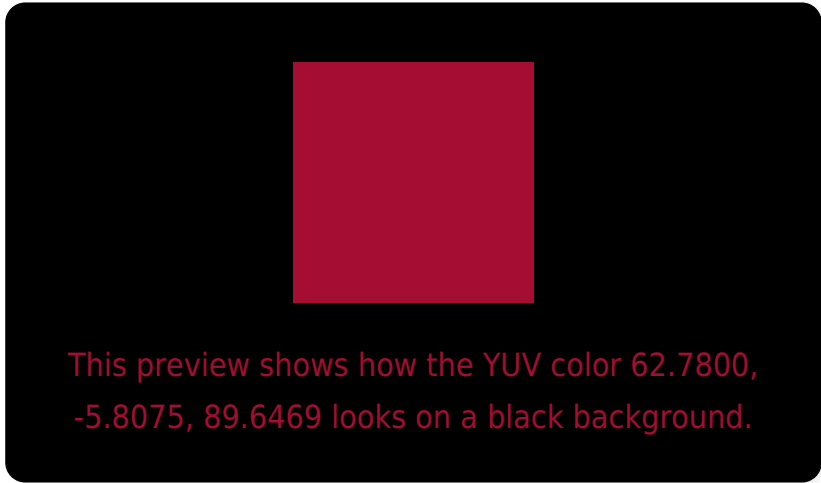
Large Text (above 18pt) WCAG AA ✓ Pass

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 62.7800, -5.8075, 89.6469

Background



This preview shows how black text looks on a background with the YUV color 62.7800, -5.8075, 89.6469.



This preview shows how white text looks on a background with the YUV color 62.7800, -5.8075,

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

62.7800, -5.8075, 89.6469

Protanopia

84.1700, -4.5208, 3.3589

Deuteranopia

83.5450, -19.9887, 17.9390



Tritanopia

64.9310, -21.6580, 86.8835

Trichromacy



Original Color

62.7800, -5.8075, 89.6469

Protanomaly

76.2540, -5.0552, 34.8572

Deuteranomaly

75.7900, -14.6865, 44.0342

Tritanomaly

63.8370, -15.6956, 87.8430

Monochromacy



Original Color

62.7800, -5.8075, 89.6469

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

63.0410, -1.9922, 32.4130

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.7800, -5.8075, 89.6469 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(165, 13, 51)` looks like.

```
.text, #text, p{  
    color:rgb(165, 13, 51)  
}
```

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(165, 13, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 13, 51) }
```

Border

The CSS property to change the border of an element to YUV 62.7800, -5.8075, 89.6469 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(165, 13, 51) }
```


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

```
.border{ border-color:rgb(165, 13, 51) }
```

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

Here you see how a box with a 4 pixel rgb(165, 13, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 13, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 13, 51);  
box-shadow:4px 4px 4px 4px rgb(165, 13,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 62.7800, -5.8075, 89.6469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 13, 51) }
```

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

```
.background{ background-color: rgb(165, 13,  
51) }
```

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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