

Converting Colors

YUV(62.5200, 28.8306, 86.3670)

Have a look what the booklet for
YUV(62.5200, 28.8306, 86.3670)
contains.

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Color

**YUV(62.5200, 28.8306,
86.3670)**

Conversions

Conversions Part 1

Format	Color
Hex	A10179
RGB	161, 1, 121
RGB Percent	63%, 0%, 47%
CMY	0.3686, 0.9961, 0.5255
CMYK	0.00, 0.99, 0.25, 0.37
HSL	315°, 99%, 32%
HSV	315°, 99%, 63%
XYZ	18.1600, 8.9793, 18.8652
YIQ	62.5200, 56.8400, 71.2400

Conversions

Conversions Part 2

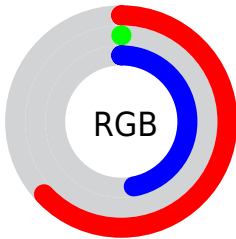
Format	Color
R_{YB}	161, 1, 121
Decimal	10551673
CIE _{Lab}	35.94, 64.08, -21.94
CIE _{LCh}	36, 67.733, 341.102
Yxy	8.9793, 0.3947, 0.1952
Android (android.graphics.Color)	4288741753 (0xFFA10179)
YUV	62.5200, 28.8306, 86.3670
Hunter-Lab	29.9654, 55.7372, -16.3512

Details

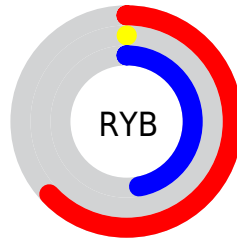
The YUV color **62.5200, 28.8306, 86.3670** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **99.4800, -28.8306, -86.3670**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.9890, 20.7114, 77.1856**, and **39.3040, 16.1191, 56.7384** is the 20% darker color. If you saturate the color by 10%, you get **61.9330, 29.1200, 86.8818**, and if you desaturate by 10%, it is **72.3680, 25.9476, 77.7303**.

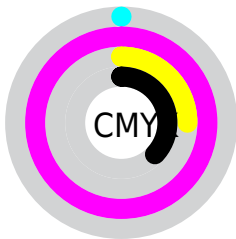
Distribution



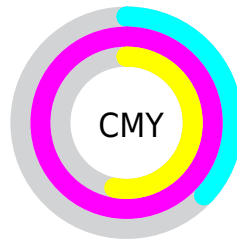
- Red (63%)
- Green (0%)
- Blue (47%)



- Red (63%)
- Yellow (0%)
- Blue (47%)



- Cyan (0%)
- Magenta (99%)
- Yellow (25%)
- Black (37%)




- Cyan (37%)
- Magenta (100%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YUV color 62.5200, 28.8306, 86.3670 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 62.5200, 28.8306, 86.3670 by changing the saturation by 10% instead.


 62.5200, 28.8306,
86.3670


 62.5200, 28.8306,
86.3670


255.0000, 0.0000,
0.0000

 50.4120, 22.4749,
71.5527

 131.9890, 20.7114,
77.1856


 39.3040, 16.1191,
56.7384


 161.0600, 19.6904,
78.0004


 28.6090, 10.0528,
42.4389

 182.7700, 22.7914,
63.3457

 18.4410, 4.7126,
28.5542

 202.1700, 26.0452,
46.3319

 2.6910, -1.3267,
5.5330

 219.1930, 17.6529,
31.4027

 0.0000, 0.0000,
0.0000

 236.2160, 9.2605,

16.4736

253.8260, 0.5788,
1.0296

■ 62.5200, 28.8306,
86.3670

■ 62.5200, 28.8306,
86.3670

■ 61.9330, 29.1200,
86.8818

■ 72.3680, 25.9476,
77.7303

■ 82.2160, 23.0645,
69.0936

■ 92.0640, 20.1814,
60.4569

■ 101.9120, 17.2984,
51.8202

■ 111.7600, 14.4153,
43.1835

■ 122.1950, 11.2429,
34.0320

■ 132.0430, 8.3598,
25.3953

■ 141.8910, 5.4767,
16.7586

■ 151.7390, 2.5937,
8.1219

Harmonies

Analogous

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



85.4900, 40.6774, 19.7413



62.5200, 28.8306, 86.3670



60.2620, 3.3218, 101.5022

Triad

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



62.5200, 28.8306, 86.3670



77.9570, -38.4328, 7.0537



80.0060, 37.4650, -70.1653

Complementary

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



62.5200, 28.8306, 86.3670



99.4800, -28.8306, -86.3670

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.



74.6650, 14.4622, -65.4812



62.5200, 28.8306, 86.3670



58.9990, -29.0865, -50.8651

Square

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



62.5200, 28.8306, 86.3670



79.6720, -39.2783, 45.0147



66.9930, -9.8565, -58.7529



80.2460, 53.6157, -70.3757

Rectangle

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



62.5200, 28.8306, 86.3670



62.6960, -15.1331, 94.1056



66.9930, -9.8565, -58.7529



78.7690, 30.1869, -69.0804

Sweetspot

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



62.5200, 28.8306, 86.3670



170.1950, 11.2429, 34.0320



31.2000, 63.9914, 8.5946



81.5540, 6.6289, 20.5621



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



62.5200, 28.8306, 86.3670



80.3890, 37.7692, 112.7918



53.4000, -6.1132, 94.3652



76.4890, 1.7309, 4.8331



55.7810, 26.2370, 78.2451



6.8640, 3.0250, 9.7663

Inverse Universe

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



62.5200, 28.8306, 86.3670



80.3890, 37.7692, 112.7918



108.6000, 6.1132, -94.3652



76.4890, 1.7309, 4.8331



55.7810, 26.2370, 78.2451



6.8640, 3.0250, 9.7663

Previews

White Background



This preview shows how the YUV color 62.5200, 28.8306, 86.3670 looks on a white background.

Color Contrast Check

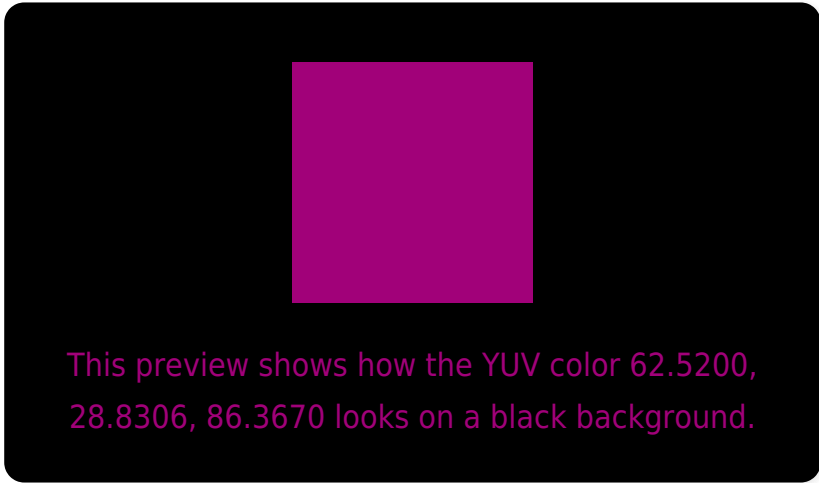
Large Text (above 18pt) WCAG AA ✓ Pass

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

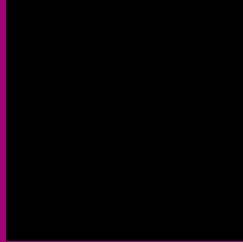
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 62.5200, 28.8306, 86.3670

Background



This preview shows how black text looks on a background with the YUV color 62.5200, 28.8306, 86.3670.



This preview shows how white text looks on a background with the YUV color 62.5200, 28.8306,

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

62.5200, 28.8306, 86.3670

Protanopia

78.7830, 45.9560, -40.1517

Deuteranopia

87.8820, 12.3832, -5.1585



Tritanopia

80.5200, -15.0464, 66.1960

Trichromacy



Original Color

62.5200, 28.8306, 86.3670

Protanomaly

73.0600, 39.4104, 6.0864

Deuteranomaly

78.6980, 18.3899, 28.3289

Tritanomaly

74.1030, 0.9352, 73.5777

Monochromacy



Original Color

62.5200, 28.8306, 86.3670

Achromatopsia

63.0000, 0.0000, 0.0000

Achromatomaly

62.6570, 10.5221, 31.8728

CSS Examples

Text

The CSS property to change the color of the text to YUV 62.5200, 28.8306, 86.3670 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(161, 1, 121)` looks like.

```
.text, #text, p{  
    color:rgb(161, 1, 121)  
}
```

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(161, 1, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 1, 121) }
```

Border

The CSS property to change the border of an element to YUV 62.5200, 28.8306, 86.3670 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(161, 1, 121) }
```


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

```
.border{ border-color:rgb(161, 1, 121) }
```

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

Here you see how a box with a 4 pixel rgb(161, 1, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 1, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 1, 121);  
box-shadow:4px 4px 4px 4px rgb(161, 1,  
121) }
```

Background

The CSS property to change the background color of an element to YUV 62.5200, 28.8306, 86.3670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 1, 121) }
```

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

```
.background{ background-color: rgb(161, 1,  
121) }
```

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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