

Converting Colors

YUV(87.2320, 22.0706, 61.1865)

Have a look what the booklet for
YUV(87.2320, 22.0706, 61.1865)
contains.

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Color

**YUV(87.2320, 22.0706,
61.1865)**

Conversions

Conversions Part 1

Format	Color
Hex	9D2B84
RGB	157, 43, 132
RGB Percent	62%, 17%, 52%
CMY	0.3843, 0.8314, 0.4824
CMYK	0.00, 0.73, 0.16, 0.38
HSL	313°, 57%, 39%
HSV	313°, 73%, 62%
XYZ	18.9334, 10.5618, 22.8705
YIQ	87.2320, 39.3750, 51.8470

Conversions

Conversions Part 2

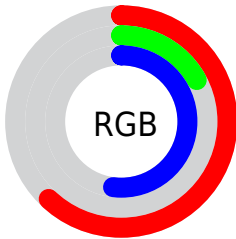
Format	Color
R_{YB}	157, 43, 132
Decimal	10300292
CIE Lab	38.83, 55.66, -24.35
CIE LCh	39, 60.757, 336.375
Yxy	10.5618, 0.3616, 0.2017
Android (android.graphics.Color)	4288490372 (0xFF9D2B84)
YUV	87.2320, 22.0706, 61.1865
Hunter-Lab	32.4989, 47.1182, -18.9750

Details

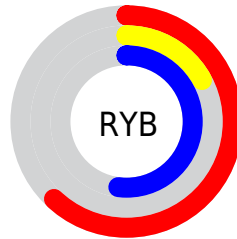
The YUV color **87.2320, 22.0706, 61.1865** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **112.7680, -22.0706, -61.1865**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.1890, 20.6128, 62.1012**, and **39.8460, 20.7819, 54.5091** is the 20% darker color. If you saturate the color by 10%, you get **77.4980, 25.3905, 69.7233**, and if you desaturate by 10%, it is **96.9660, 18.7508, 52.6498**.

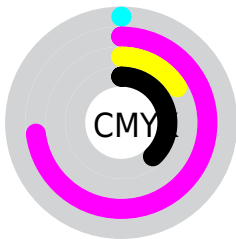
Distribution



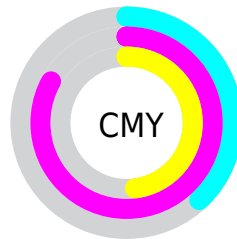
- Red (62%)
- Green (17%)
- Blue (52%)



- Red (62%)
- Yellow (17%)
- Blue (52%)



- Cyan (0%)
- Magenta (73%)
- Yellow (16%)
- Black (38%)





- Cyan (38%)
- Magenta (83%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YUV color 87.2320, 22.0706, 61.1865 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 87.2320, 22.0706, 61.1865 by changing the saturation by 10% instead.


 87.2320, 22.0706,
61.1865


 87.2320, 22.0706,
61.1865


255.0000, 0.0000,
0.0000


 51.9430, 27.1431,
67.5790

 143.1890, 20.6128,
62.1012


 39.8460, 20.7819,
54.5091


 171.7870, 20.3180,
63.3308


 29.1510, 14.7156,
40.2096


 194.2310, 23.5501,
53.2944

 19.4670, 8.6438,
27.6544

 212.1490, 21.1255,
37.5803

 5.3690, 3.7621,
6.6924

 229.1720, 12.7332,
22.6512

 0.0000, 0.0000,
0.0000

 246.1950, 4.3409,

7.7220

■ 87.2320, 22.0706,
61.1865

■ 87.2320, 22.0706,
61.1865

■ 77.4980, 25.3905,
69.7233

■ 96.9660, 18.7508,
52.6498

■ 68.2370, 27.9842,
77.8452

■ 106.2270, 16.1571,
44.5279

■ 60.9650, 30.5833,
84.2227

■ 115.9610, 12.8372,
35.9912

■ 125.8090, 9.9542,
27.3545

■ 135.5430, 6.6343,
18.8178

■ 144.8040, 4.0406,
10.6959

■ 154.5380, 0.7208,
2.1592

■ 164.3860, -2.1623,
-6.4775

■ 173.5330, -5.1928,
-14.4994

Harmonies

Analogous

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



93.2560, 38.8208, 8.5455



87.2320, 22.0706, 61.1865



76.7610, 3.0758, 87.0326

Triad

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



87.2320, 22.0706, 61.1865



85.0890, -41.9489, 14.8309



82.7300, 32.6711, -72.5542

Complementary

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



87.2320, 22.0706, 61.1865



112.7680, -22.0706, -61.1865

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.



77.8450, 11.4154, -68.2701



87.2320, 22.0706, 61.1865



75.4000, -37.1722, -24.0298

Square

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



87.2320, 22.0706, 61.1865



85.8960, -42.3467, 49.2032



70.1560, -10.4299, -61.5268



83.5570, 48.5324, -73.2795

Rectangle

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



87.2320, 22.0706, 61.1865



79.5590, -14.0796, 82.8248



70.1560, -10.4299, -61.5268



81.6070, 25.8297, -71.5693

Sweetspot

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



87.2320, 22.0706, 61.1865



176.4450, 8.6546, 24.1657



63.4710, 46.1098, 3.9719



85.4670, 5.1928, 14.4994



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



87.2320, 22.0706, 61.1865



95.6550, 34.1871, 95.0186



80.7340, -2.8269, 66.8853



74.0760, 1.4415, 4.3183



55.4110, 27.4054, 76.8156



5.8530, 3.0305, 8.0219

Inverse Universe

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



87.2320, 22.0706, 61.1865



95.6550, 34.1871, 95.0186



119.2660, 2.8269, -66.8853



74.0760, 1.4415, 4.3183



55.4110, 27.4054, 76.8156



5.8530, 3.0305, 8.0219

Previews

White Background



This preview shows how the YUV color 87.2320, 22.0706, 61.1865 looks on a white background.

Color Contrast Check

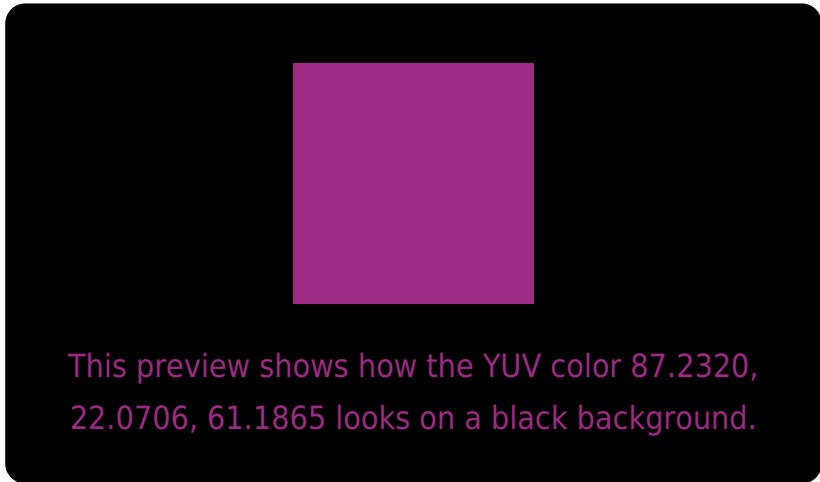
Large Text (above 18pt) WCAG AA ✓ Pass

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

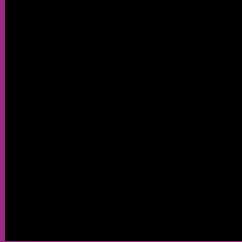
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.2320, 22.0706, 61.1865

Background



This preview shows how black text looks on a background with the YUV color 87.2320, 22.0706, 61.1865.



This preview shows how white text looks on a background with the YUV color 87.2320, 22.0706,

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

87.2320, 22.0706, 61.1865

Protanopia

87.5730, 41.1295, -32.0745

Deuteranopia

92.4840, 16.0304, -8.3175



Tritanopia

90.4690, -11.0772, 53.0857

Trichromacy



Original Color

87.2320, 22.0706, 61.1865

Protanomaly

87.6590, 34.1851, 2.0531

Deuteranomaly

90.9200, 18.2804, 16.7332

Tritanomaly

88.9930, 0.9895, 56.1341

Monochromacy



Original Color

87.2320, 22.0706, 61.1865

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.9070, 7.9338, 22.0066

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.2320, 22.0706, 61.1865 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(157, 43, 132)` looks like.

```
.text, #text, p{  
    color:rgb(157, 43, 132)  
}
```

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(157, 43, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 43, 132) }
```

Border

The CSS property to change the border of an element to YUV 87.2320, 22.0706, 61.1865 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(157, 43, 132) }
```


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

```
.border{ border-color:rgb(157, 43, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 43, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 43, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 43, 132);  
box-shadow:4px 4px 4px 4px rgb(157, 43,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 87.2320, 22.0706, 61.1865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 43, 132) }
```

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

```
.background{ background-color: rgb(157, 43,  
132) }
```

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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