

Converting Colors

YUV(78.0870, 22.1421, 84.9927)

Have a look what the booklet for
YUV(78.0870, 22.1421, 84.9927)
contains.

YUV(78.0870, 22.1421, 84.9927)	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>	31

Color

**YUV(78.0870, 22.1421,
84.9927)**

Conversions

Conversions Part 1

Format	Color
Hex	AF147B
RGB	175, 20, 123
RGB Percent	69%, 8%, 48%
CMY	0.3137, 0.9216, 0.5176
CMYK	0.00, 0.89, 0.30, 0.31
HSL	320°, 79%, 38%
HSV	320°, 89%, 69%
XYZ	21.5045, 11.0443, 19.7372
YIQ	78.0870, 59.3170, 64.8930

Conversions

Conversions Part 2

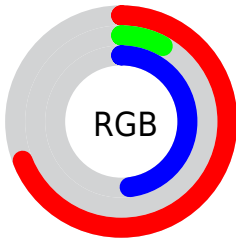
Format	Color
RYB	175, 20, 123
Decimal	11474043
CIELab	39.66, 64.78, -17.23
CIElCh	40, 67.033, 345.104
Yxy	11.0443, 0.4113, 0.2112
Android (android.graphics.Color)	4289664123 (0xFFAF147B)
YUV	78.0870, 22.1421, 84.9927
Hunter-Lab	33.2330, 57.3465, -11.9495

Details

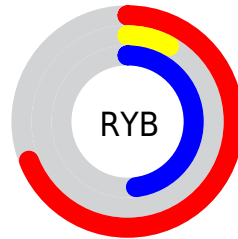
The YUV color **78.0870, 22.1421, 84.9927** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **116.9130, -22.1421, -84.9927**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.6860, 16.9168, 80.9594**, and **43.4190, 15.0764, 64.5305** is the 20% darker color. If you saturate the color by 10%, you get **66.8370, 24.7304, 94.8590**, and if you desaturate by 10%, it is **88.7500, 19.8433, 75.6412**.

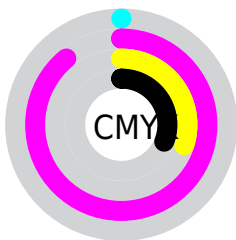
Distribution



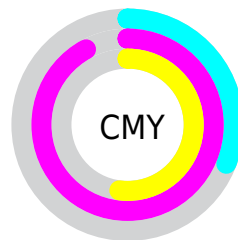
- Red (69%)
- Green (8%)
- Blue (48%)



- Red (69%)
- Yellow (8%)
- Blue (48%)



- Cyan (0%)
- Magenta (89%)
- Yellow (30%)
- Black (31%)





- Cyan (31%)
- Magenta (92%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YUV color 78.0870, 22.1421, 84.9927 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 78.0870, 22.1421, 84.9927 by changing the saturation by 10% instead.


 78.0870, 22.1421,
84.9927


 78.0870, 22.1421,
84.9927

255.0000, 0.0000,
0.0000


 54.8260, 21.2848,
79.9596

 141.6860, 16.9168,
80.9594


 43.4190, 15.0764,
64.5305


 168.0660, 17.2225,
76.2411


 32.4250, 9.1575,
49.6163

 188.2810, 21.0605,
58.5126

 22.6700, 4.1067,
36.2464

 207.4530, 23.4407,
41.6987

 10.2800, -4.5750,
20.8024

 224.4760, 15.0483,
26.7695

 0.0000, 0.0000,
0.0000

 242.0860, 6.3666,

11.3256

■ 78.0870, 22.1421,
84.9927

■ 78.0870, 22.1421,
84.9927

■ 66.8370, 24.7304,
94.8590

■ 88.7500, 19.8433,
75.6412

■ 65.5490, 24.8723,
95.9885

■ 100.0000, 17.2550,
65.7750

■ 110.6630, 14.9561,
56.4235

■ 121.7990, 11.9311,
46.6573

■ 132.4620, 9.6322,
37.3058

■ 143.7120, 7.0440,
27.4396

■ 154.3750, 4.7451,
18.0881

■ 165.6250, 2.1569,
8.2219

■ 176.8750, -0.4314,
-1.6444

Harmonies

Analogous

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



94.2740, 38.3189, 29.5777



78.0870, 22.1421, 84.9927



67.0020, 0.9850, 104.3612

Triad

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



78.0870, 22.1421, 84.9927



85.3110, -42.0583, 3.2353



86.9990, 41.4125, -76.2981

Complementary

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



78.0870, 22.1421, 84.9927



116.9130, -22.1421, -84.9927

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.



81.8860, 19.2832, -71.8140



78.0870, 22.1421, 84.9927



64.5700, -31.8330, -56.6279

Square

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



78.0870, 22.1421, 84.9927



88.2110, -43.4880, 41.9110



74.6870, -5.7617, -65.5005



86.1960, 56.1054, -75.5939

Rectangle

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



78.0870, 22.1421, 84.9927



79.5890, -22.9684, 87.1834



74.6870, -5.7617, -65.5005



85.8760, 34.5711, -75.3133

Sweetspot

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



78.0870, 22.1421, 84.9927



188.7990, 8.4801, 33.5023



53.2180, 60.0385, 16.4718



91.7990, 5.0291, 20.3473



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



78.0870, 22.1421, 84.9927



85.0870, 32.4951, 124.4577



69.3090, -11.4913, 92.6910



81.3750, 1.2941, 4.9331



56.2500, 21.5688, 82.2188



8.5870, 3.1616, 12.6402

Inverse Universe

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



78.0870, 22.1421, 84.9927



85.0870, 32.4951, 124.4577



125.6910, 11.4913, -92.6910



81.3750, 1.2941, 4.9331



56.2500, 21.5688, 82.2188



8.5870, 3.1616, 12.6402

Previews

White Background



This preview shows how the YUV color 78.0870, 22.1421, 84.9927 looks on a white background.

Color Contrast Check

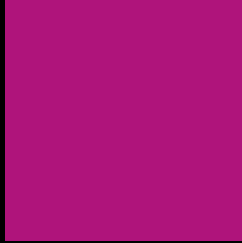
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 78.0870, 22.1421, 84.9927 looks on a 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 78.0870, 22.1421, 84.9927

Background



This preview shows how black text looks on a background with the YUV color 78.0870, 22.1421, 84.9927.



This preview shows how white text looks on a background with the YUV color 78.0870, 22.1421,

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

78.0870, 22.1421, 84.9927

Protanopia

90.3560, 40.2505, -30.1302

Deuteranopia

95.8070, 9.4621, -1.5847



Tritanopia

86.9230, -16.2310, 72.8585

Trichromacy



Original Color

78.0870, 22.1421, 84.9927

Protanomaly

85.8990, 33.5738, 11.4896

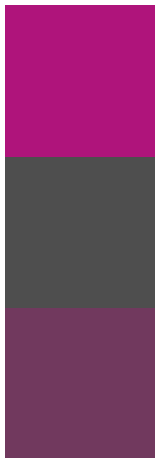
Deuteranomaly

88.9710, 14.3113, 29.8434

Tritanomaly

83.9140, -2.4226, 77.2514

Monochromacy



Original Color

78.0870, 22.1421, 84.9927

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.9620, 7.9067, 30.7283

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.0870, 22.1421, 84.9927 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(175, 20, 123)` looks like.

```
.text, #text, p{  
  color:rgb(175, 20, 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(175, 20, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 20, 123) }
```

Border

The CSS property to change the border of an element to YUV 78.0870, 22.1421, 84.9927 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(175, 20, 123) }
```


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

```
.border{ border-color:rgb(175, 20, 123) }
```

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

Here you see how a box with a 4 pixel rgb(175, 20, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 20, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 20, 123);  
box-shadow:4px 4px 4px 4px rgb(175, 20,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 78.0870, 22.1421, 84.9927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 20, 123) }
```

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

```
.background{ background-color: rgb(175, 20,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor