

Converting Colors

YUV(85.0440, 17.2333, 72.7524)

Have a look what the booklet for
YUV(85.0440, 17.2333, 72.7524)
contains.

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Color

**YUV(85.0440, 17.2333,
72.7524)**

Conversions

Conversions Part 1

Format	Color
Hex	A82478
RGB	168, 36, 120
RGB Percent	66%, 14%, 47%
CMY	0.3412, 0.8588, 0.5294
CMYK	0.00, 0.79, 0.29, 0.34
HSL	322°, 65%, 40%
HSV	322°, 79%, 66%
XYZ	20.1695, 10.9426, 18.8184
YIQ	85.0440, 51.7080, 54.1080

Conversions

Conversions Part 2

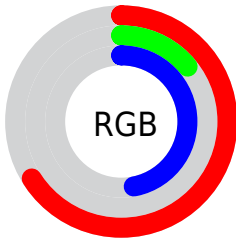
Format	Color
R_{YB}	168, 36, 120
Decimal	11019384
CIE _{Lab}	39.48, 59.08, -15.74
CIE _{LCh}	39, 61.141, 345.079
Yxy	10.9426, 0.4040, 0.2192
Android (android.graphics.Color)	4289209464 (0xFFA82478)
YUV	85.0440, 17.2333, 72.7524
Hunter-Lab	33.0797, 50.9464, -10.5732

Details

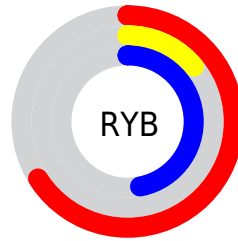
The YUV color **85.0440, 17.2333, 72.7524** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **118.9560, -17.2333, -72.7524**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.8330, 13.8863, 72.9375**, and **41.2830, 14.6505, 61.1418** is the 20% darker color. If you saturate the color by 10%, you get **74.3810, 19.5322, 82.1039**, and if you desaturate by 10%, it is **95.7070, 14.9344, 63.4010**.

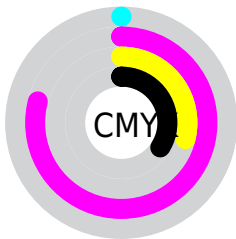
Distribution



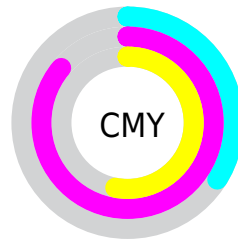
- Red (66%)
- Green (14%)
- Blue (47%)



- Red (66%)
- Yellow (14%)
- Blue (47%)



- Cyan (0%)
- Magenta (79%)
- Yellow (29%)
- Black (34%)





- Cyan (34%)
- Magenta (86%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YUV color 85.0440, 17.2333, 72.7524 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 85.0440, 17.2333, 72.7524 by changing the saturation by 10% instead.


 85.0440, 17.2333,
72.7524


 85.0440, 17.2333,
72.7524


255.0000, 0.0000,
0.0000

 52.3910, 21.0062,
75.9561

 143.8330, 13.8863,
72.9375


 41.2830, 14.6505,
61.1418


 171.2460, 14.1757,
73.4523


 30.7020, 9.0209,
46.7423

 190.8740, 18.3031,
56.2385

 20.8330, 3.5333,
33.4725

 210.9750, 21.7043,
38.6099

 8.1870, -3.5432,
16.4990

 227.9980, 13.3120,
23.6808

 0.0000, 0.0000,
0.0000

 245.0210, 4.9196,

8.7516

■ 85.0440, 17.2333,
72.7524

■ 85.0440, 17.2333,
72.7524

■ 74.3810, 19.5322,
82.1039

■ 95.7070, 14.9344,
63.4010

■ 63.7180, 21.8310,
91.4553

■ 106.3700, 12.6356,
54.0495

■ 62.4300, 21.9730,
92.5849

■ 116.4460, 10.6261,
45.2129

■ 127.1090, 8.3273,
35.8614

■ 137.8860, 6.4652,
26.4100

■ 148.5490, 4.1663,
17.0585

■ 159.2120, 1.8675,
7.7071

■ 169.2880, -0.1420,
-1.1296

■ 179.9510, -2.4408,
-10.4810

Harmonies

Analogous

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



94.8130, 34.1092, 26.4740



85.0440, 17.2333, 72.7524



79.1110, -4.4917, 87.6027

Triad

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



85.0440, 17.2333, 72.7524



85.0230, -41.9163, 4.3648



84.9130, 38.4969, -74.4687

Complementary

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



85.0440, 17.2333, 72.7524



118.9560, -17.2333, -72.7524

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.



80.9570, 18.2622, -70.9993



85.0440, 17.2333, 72.7524



69.9460, -32.0184, -43.8026

Square

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



85.0440, 17.2333, 72.7524



88.2000, -43.4826, 40.1666



73.7410, -4.3093, -64.6709



83.8820, 52.3162, -73.5645

Rectangle

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



85.0440, 17.2333, 72.7524



83.3490, -22.3571, 77.7469



73.7410, -4.3093, -64.6709



83.9040, 32.0923, -73.5838

Sweetspot

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



85.0440, 17.2333, 72.7524



186.3100, 6.7492, 28.6691



64.8020, 50.8766, 15.0826



89.8480, 4.0189, 17.6733



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



85.0440, 17.2333, 72.7524



89.5280, 26.8547, 113.5469



77.7480, -10.7218, 79.1510



78.9620, 1.0047, 4.4183



54.9680, 19.2428, 81.5891



7.4620, 2.7302, 10.9958

Inverse Universe

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



85.0440, 17.2333, 72.7524



89.5280, 26.8547, 113.5469



126.2520, 10.7218, -79.1510



78.9620, 1.0047, 4.4183



54.9680, 19.2428, 81.5891



7.4620, 2.7302, 10.9958

Previews

White Background



This preview shows how the YUV color 85.0440, 17.2333, 72.7524 looks on a white background.

Color Contrast Check

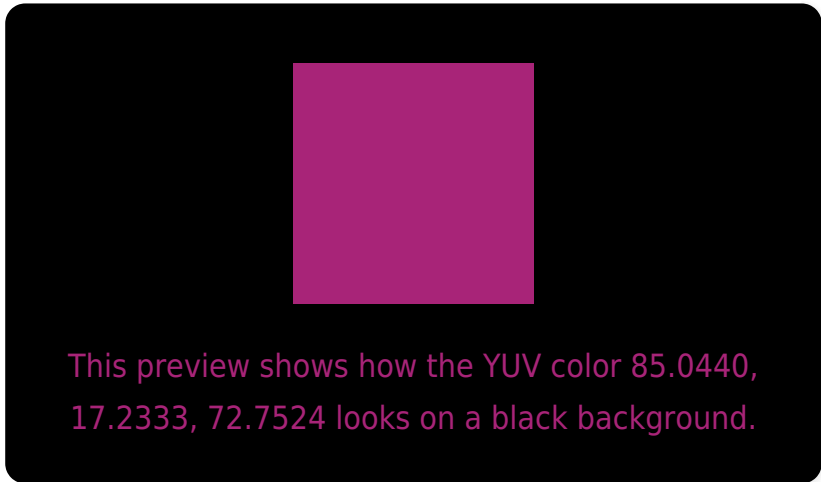
Large Text (above 18pt) WCAG AA ✓ Pass

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

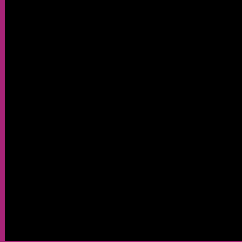
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.0440, 17.2333, 72.7524

Background



This preview shows how black text looks on a background with the YUV color 85.0440, 17.2333, 72.7524.



This preview shows how white text looks on a background with the YUV color 85.0440, 17.2333,

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

85.0440, 17.2333, 72.7524

Protanopia

91.4940, 34.2665, -24.1122

Deuteranopia

94.9920, 8.8779, -0.8700



Tritanopia

88.3350, -14.4622, 65.4812

Trichromacy



Original Color

85.0440, 17.2333, 72.7524

Protanomaly

89.4060, 27.9008, 11.0449

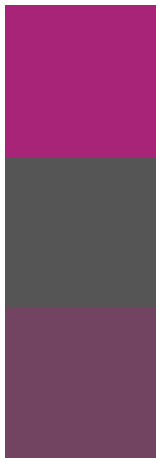
Deuteranomaly

91.6670, 11.9962, 25.7250

Tritanomaly

87.3320, -3.1217, 68.1148

Monochromacy



Original Color

85.0440, 17.2333, 72.7524

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.8860, 6.4652, 26.4100

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.0440, 17.2333, 72.7524 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(168, 36, 120)` looks like.

```
.text, #text, p{  
    color:rgb(168, 36, 120)  
}
```

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(168, 36, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 36, 120) }
```

Border

The CSS property to change the border of an element to YUV 85.0440, 17.2333, 72.7524 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(168, 36, 120) }
```


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

```
.border{ border-color:rgb(168, 36, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 36, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 36, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 36, 120);  
box-shadow:4px 4px 4px 4px rgb(168, 36,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 85.0440, 17.2333, 72.7524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 36, 120) }
```

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

```
.background{ background-color: rgb(168, 36,  
120) }
```

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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