

Converting Colors

YUV(78.5970, 25.3417, 85.4224)

Have a look what the booklet for
YUV(78.5970, 25.3417, 85.4224)
contains.

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Color

**YUV(78.5970, 25.3417,
85.4224)**

Conversions

Conversions Part 1

Format	Color
Hex	B01382
RGB	176, 19, 130
RGB Percent	69%, 7%, 51%
CMY	0.3098, 0.9255, 0.4902
CMYK	0.00, 0.89, 0.26, 0.31
HSL	318°, 81%, 38%
HSV	318°, 89%, 69%
XYZ	22.1666, 11.3076, 22.1334
YIQ	78.5970, 57.9410, 67.8050

Conversions

Conversions Part 2

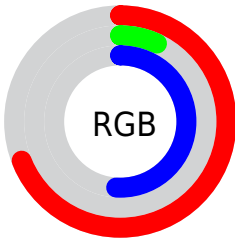
Format	Color
R_{YB}	176, 19, 130
Decimal	11539330
CIE _{Lab}	40.09, 65.98, -20.88
CIE _{LCh}	40, 69.211, 342.439
Yxy	11.3076, 0.3986, 0.2033
Android (android.graphics.Color)	4289729410 (0xFFB01382)
YUV	78.5970, 25.3417, 85.4224
Hunter-Lab	33.6267, 58.8200, -15.4864

Details

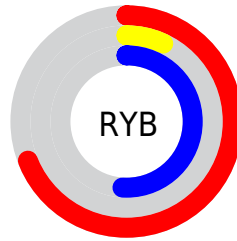
The YUV color **78.5970, 25.3417, 85.4224** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **116.4030, -25.3417, -85.4224**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.3700, 19.5376, 80.3595**, and **44.4020, 17.5498, 64.5454** is the 20% darker color. If you saturate the color by 10%, you get **67.4610, 28.3667, 95.1887**, and if you desaturate by 10%, it is **89.7330, 22.3166, 75.6562**.

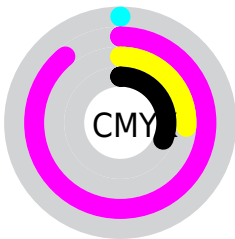
Distribution



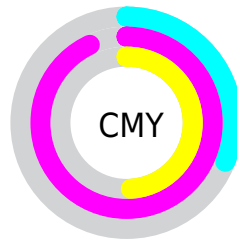
- Red (69%)
- Green (7%)
- Blue (51%)



- Red (69%)
- Yellow (7%)
- Blue (51%)



- Cyan (0%)
- Magenta (89%)
- Yellow (26%)
- Black (31%)





- Cyan (31%)
- Magenta (93%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YUV color 78.5970, 25.3417, 85.4224 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 78.5970, 25.3417, 85.4224 by changing the saturation by 10% instead.


 78.5970, 25.3417,
85.4224


 78.5970, 25.3417,
85.4224


255.0000, 0.0000,
0.0000


 55.9230, 24.1950,
79.8745


 143.3700, 19.5376,
80.3595


 44.4020, 17.5498,
64.5454


 168.9780, 20.7168,
75.4413


 33.4080, 11.6309,
49.6312

 189.1930, 24.5549,
57.7127

 23.5390, 6.1433,
36.3613

 208.0400, 23.1513,
41.1839

 11.6050, -0.7913,
20.5174

 225.0630, 14.7589,
26.2547

 0.0000, 0.0000,
0.0000

 242.0860, 6.3666,

11.3256

■ 78.5970, 25.3417,
85.4224

■ 78.5970, 25.3417,
85.4224

■ 67.4610, 28.3667,
95.1887

■ 89.7330, 22.3166,
75.6562

■ 66.7600, 28.2193,
95.8035

■ 100.2820, 19.5810,
66.4047

■ 111.4180, 16.5559,
56.6384

■ 122.0810, 14.2571,
47.2870

■ 133.2170, 11.2320,
37.5207

■ 144.3530, 8.2070,
27.7544

■ 154.9020, 5.4713,
18.5029

■ 166.0380, 2.4463,
8.7367

■ 176.5870, -0.2894,
-0.5148

Harmonies

Analogous

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



95.3380, 41.2454, 24.2596



78.5970, 25.3417, 85.4224



65.5450, 4.1683, 110.0240

Triad

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



78.5970, 25.3417, 85.4224



87.1050, -42.9428, 6.9239



88.0590, 40.3969, -77.2277

Complementary

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



78.5970, 25.3417, 85.4224



116.4030, -25.3417, -85.4224

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.



82.6040, 16.9572, -72.4437



78.5970, 25.3417, 85.4224



67.8480, -33.4491, -51.6097

Square

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



78.5970, 25.3417, 85.4224



88.8310, -43.7937, 46.6292



74.7040, -8.2351, -65.5154



87.8260, 57.2738, -77.0234

Rectangle

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



78.5970, 25.3417, 85.4224



77.4310, -19.9325, 93.4610



74.7040, -8.2351, -65.5154



86.8220, 33.1188, -76.1429

Sweetspot

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



78.5970, 25.3417, 85.4224



191.4400, 9.6431, 33.8171



50.0540, 62.0914, 11.3536



92.0270, 5.9027, 20.1473



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.



78.5970, 25.3417, 85.4224



87.2380, 36.8577, 125.2023



69.8190, -8.2918, 93.1207



83.4890, 1.7309, 4.8331



58.0590, 24.6209, 83.2633



9.8260, 4.0298, 14.1846

Inverse Universe

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



78.5970, 25.3417, 85.4224



87.2380, 36.8577, 125.2023



125.1810, 8.2918, -93.1207



83.4890, 1.7309, 4.8331



58.0590, 24.6209, 83.2633



9.8260, 4.0298, 14.1846

Previews

White Background



This preview shows how the YUV color 78.5970, 25.3417, 85.4224 looks on a white background.

Color Contrast Check

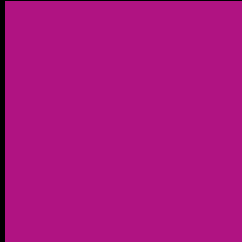
Large Text (above 18pt) WCAG AA ✓ Pass

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 78.5970, 25.3417, 85.4224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

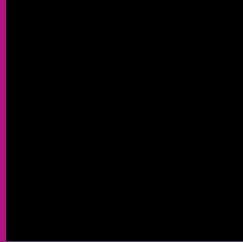
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.5970, 25.3417, 85.4224

Background



This preview shows how black text looks on a background with the YUV color 78.5970, 25.3417, 85.4224.



This preview shows how white text looks on a background with the YUV color 78.5970, 25.3417,

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

78.5970, 25.3417, 85.4224

Protanopia

89.3920, 45.6557, -37.1778

Deuteranopia

96.5940, 12.5252, -4.0289



Tritanopia

88.3250, -15.9362, 71.6290

Trichromacy



Original Color

78.5970, 25.3417, 85.4224

Protanomaly

85.4300, 38.2420, 7.5159

Deuteranomaly

90.3560, 17.0795, 28.6288

Tritanomaly

84.9570, -0.9648, 76.3367

Monochromacy



Original Color

78.5970, 25.3417, 85.4224

Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.7170, 9.5065, 30.9432

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.5970, 25.3417, 85.4224 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(176, 19, 130)` looks like.

```
.text, #text, p{  
  color:rgb(176, 19, 130)  
}
```

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(176, 19, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 19, 130) }
```

Border

The CSS property to change the border of an element to YUV 78.5970, 25.3417, 85.4224 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(176, 19, 130) }
```


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

```
.border{ border-color:rgb(176, 19, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 19, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 19, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 19, 130);  
box-shadow:4px 4px 4px 4px rgb(176, 19,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 78.5970, 25.3417, 85.4224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 19, 130) }
```

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

```
.background{ background-color: rgb(176, 19,  
130) }
```

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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