

Converting Colors

YUV(85.6980, 25.7849,
130.0609)

Have a look what the booklet for
YUV(85.6980, 25.7849, 130.0609)
contains.

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Color

**YUV(85.6980, 25.7849,
130.0609)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | EA008A |
| RGB | 234, 0, 138 |
| RGB Percent | 92%, 0%, 54% |
| CMY | 0.0824, 1.0000, 0.4588 |
| CMYK | 0.00, 1.00, 0.41, 0.08 |
| HSL | 325°, 100%, 46% |
| HSV | 325°, 100%, 92% |
| XYZ | 38.5191, 19.3274, 25.7451 |
| YIQ | 85.6980, 95.1660, 92.5260 |

Conversions

Conversions Part 2

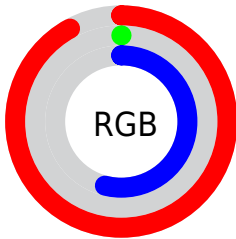
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 234, 0, 138 |
| Decimal | 15335562 |
| CIE _{Lab} | 51.07, 80.93, -8.04 |
| CIE _{LCh} | 51, 81.324, 354.327 |
| Yxy | 19.3274, 0.4608, 0.2312 |
| Android (android.graphics.Color) | 4293525642 (0xFFEA008A) |
| YUV | 85.6980, 25.7849, 130.0609 |
| Hunter-Lab | 43.9629, 79.4617, -3.9467 |

Details

The YUV color **85.6980, 25.7849, 130.0609** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **148.3020, -25.7849, -130.0609**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.3710, 18.0581, 88.2516**, and **61.4600, 13.0842, 96.9436** is the 20% darker color. If you saturate the color by 10%, you get **85.6980, 25.7849, 130.0609**, and if you desaturate by 10%, it is **100.3390, 23.4969, 117.2207**.

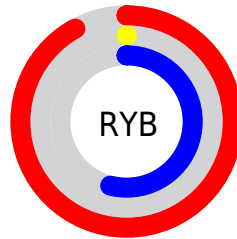
Distribution



Red (92%)

Green (0%)

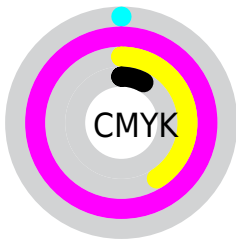
Blue (54%)



Red (92%)

Yellow (0%)

Blue (54%)

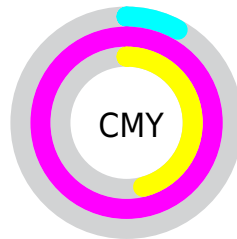


Cyan (0%)

Magenta (100%)

Yellow (41%)

Black (8%)



Cyan (8%)


Magenta (100%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YUV color 85.6980, 25.7849, 130.0609 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 85.6980, 25.7849, 130.0609 by changing the saturation by 10% instead.


 85.6980, 25.7849,
130.0609


 85.6980, 25.7849,
130.0609

255.0000, 0.0000,
0.0000


 73.5790, 19.4346,
113.5022


 154.3710, 18.0581,
88.2516


 61.4600, 13.0842,
96.9436


 175.7600, 21.3173,
69.4935


 49.5690, 7.6075,
80.1850


 197.2630, 25.0133,
50.6353

 38.0910, 2.4201,
63.9412

 215.6710, 19.3892,
34.4915

 27.4390, -2.1884,
48.7270

 233.2810, 10.7075,
19.0476

 15.7760, -6.7916,
31.7684

 251.4780, 1.7363,

 0.0000, 0.0000,

3.0888

0.0000

■ 85.6980, 25.7849,
130.0609

■ 100.3390, 23.4969,
117.2207

■ 115.4530, 20.4827,
103.9657

■ 130.0940, 18.1947,
91.1256

■ 145.2080, 15.1805,
77.8706

■ 159.8490, 12.8924,
65.0304

■ 174.4900, 10.6044,
52.1903

■ 189.6040, 7.5902,
38.9353

■ 204.2450, 5.3022,
26.0951

■ 219.3590, 2.2880,
12.8402

Harmonies

Analogous

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



119.9820, 41.4209, 61.4058



85.6980, 25.7849, 130.0609



96.4530, -13.0413, 123.2597

Triad

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



85.6980, 25.7849, 130.0609



106.4650, -52.4872, -11.8088



113.0790, 60.1071, -99.1703

Complementary

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



85.6980, 25.7849, 130.0609



148.3020, -25.7849, -130.0609

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.



108.8150, 33.6152, -95.4308



85.6980, 25.7849, 130.0609



88.1930, -30.1681, -77.3453

Square

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



85.6980, 25.7849, 130.0609



114.4590, -56.4283, 39.0625



100.1340, 2.8919, -87.8175



108.3150, 72.3157, -94.9923

Rectangle

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



85.6980, 25.7849, 130.0609



107.2150, -42.5040, 99.7894



100.1340, 2.8919, -87.8175



112.3150, 52.1027, -98.5003

Sweetspot

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



85.6980, 25.7849, 130.0609



206.8540, 8.4530, 42.2240



54.7820, 88.3545, 34.3942



98.8320, 5.0128, 25.5803



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



85.6980, 25.7849, 130.0609



93.3450, 27.9309, 141.7714



72.5880, -24.4469, 141.5583



109.9730, 0.9993, 6.1627



66.3170, 20.0567, 100.5770



19.7940, 6.0176, 29.9987

Inverse Universe

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



85.6980, 25.7849, 130.0609



93.3450, 27.9309, 141.7714



161.4120, 24.4469, -141.5583



109.9730, 0.9993, 6.1627



66.3170, 20.0567, 100.5770



19.7940, 6.0176, 29.9987

Previews

White Background



This preview shows how the YUV color 85.6980, 25.7849, 130.0609 looks on a white 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

Black Background



This preview shows how the YUV color 85.6980, 25.7849, 130.0609 looks on a black 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

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

YUV 85.6980, 25.7849, 130.0609

Background



This preview shows how black text looks on a background with the YUV color 85.6980, 25.7849, 130.0609.



This preview shows how white text looks on a background with the YUV color 85.6980, 25.7849,

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

85.6980, 25.7849, 130.0609

Protanopia

121.7050, 37.6134, -24.2973

Deuteranopia

124.7990, 1.5781, 7.1923



Tritanopia

107.1400, -25.2120, 106.8712

Trichromacy



Original Color

85.6980, 25.7849, 130.0609



Protanomaly

108.6180, 33.2193, 31.9070



Deuteranomaly

110.4900, 10.6044, 52.1903



Tritanomaly

99.4180, -6.6151, 115.3974

Monochromacy



Original Color

85.6980, 25.7849, 130.0609



Achromatopsia

86.0000, 0.0000, 0.0000



Achromatomaly

86.1150, 9.3103, 47.2571

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.6980, 25.7849, 130.0609 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(234, 0, 138)` looks like.

```
.text, #text, p{  
    color:rgb(234, 0, 138)  
}
```

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(234, 0, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 0, 138) }
```

Border

The CSS property to change the border of an element to YUV 85.6980, 25.7849, 130.0609 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(234, 0, 138) }
```


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

```
.border{ border-color:rgb(234, 0, 138) }
```

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

Here you see how a box with a 4 pixel rgb(234, 0, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 0, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 0, 138);  
box-shadow:4px 4px 4px 4px rgb(234, 0,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 85.6980, 25.7849, 130.0609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 0, 138) }
```

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

```
.background{ background-color: rgb(234, 0,  
138) }
```

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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