

Converting Colors

YUV(81.9230, 17.7860,
128.9865)

Have a look what the booklet for
YUV(81.9230, 17.7860, 128.9865)
contains.

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Color

**YUV(81.9230, 17.7860,
128.9865)**

Conversions

Conversions Part 1

Format	Color
Hex	E50076
RGB	229, 0, 118
RGB Percent	90%, 0%, 46%
CMY	0.1020, 1.0000, 0.5373
CMYK	0.00, 1.00, 0.48, 0.10
HSL	329°, 100%, 45%
HSV	329°, 100%, 90%
XYZ	35.5831, 17.9660, 18.7319
YIQ	81.9230, 98.6060, 85.2460

Conversions

Conversions Part 2

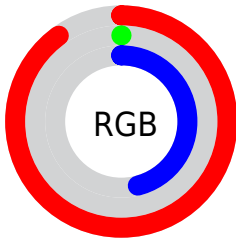
Format	Color
R_{YB}	229, 0, 118
Decimal	15007862
CIE Lab	49.45, 78.23, 1.62
CIE LCh	49, 78.245, 1.186
Yxy	17.9660, 0.4923, 0.2486
Android (android.graphics.Color)	4293197942 (0xFFE50076)
YUV	81.9230, 17.7860, 128.9865
Hunter-Lab	42.3863, 75.6737, 3.4683

Details

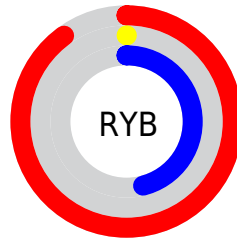
The YUV color **81.9230, 17.7860, 128.9865** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **147.0770, -17.7860, -128.9865**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.8030, 9.4641, 91.3808**, and **57.9130, 5.9589, 95.6693** is the 20% darker color. If you saturate the color by 10%, you get **81.9230, 17.7860, 128.9865**, and if you desaturate by 10%, it is **96.6780, 15.9347, 116.0464**.

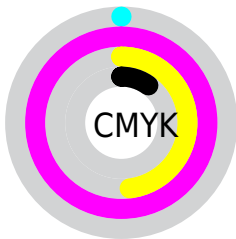
Distribution



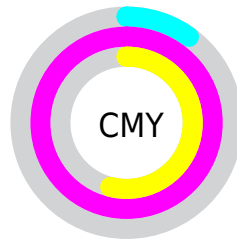
- Red (90%)
- Green (0%)
- Blue (46%)



- Red (90%)
- Yellow (0%)
- Blue (46%)



- Cyan (0%)
- Magenta (100%)
- Yellow (48%)
- Black (10%)





- Cyan (10%)
- Magenta (100%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YUV color 81.9230, 17.7860, 128.9865 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 81.9230, 17.7860, 128.9865 by changing the saturation by 10% instead.


 81.9230, 17.7860,
128.9865


 81.9230, 17.7860,
128.9865

255.0000, 0.0000,
0.0000


 69.9180, 11.8724,
112.3279


 150.8030, 9.4641,
91.3808


 57.9130, 5.9589,
95.6693


 172.0780, 12.2865,
72.7226


 46.1360, 0.9190,
78.8107


 192.8800, 15.8352,
54.4792

 34.5870, -3.2474,
61.7522

 213.7960, 19.8206,
36.1359

 23.4790, -9.6031,
46.9379

 231.5200, 11.5756,
20.5920

 13.5690, -6.1965,
27.5650

 249.7170, 2.6045,

 0.0000, 0.0000,

4.6332

0.0000

■ 81.9230, 17.7860,
128.9865

■ 96.6780, 15.9347,
116.0464

■ 111.4330, 14.0835,
103.1063

■ 126.1880, 12.2323,
90.1661

■ 140.9430, 10.3811,
77.2260

■ 155.6980, 8.5299,
64.2859

■ 169.9800, 7.4049,
51.7605

■ 184.7350, 5.5536,
38.8204

■ 199.4900, 3.7024,
25.8803

■ 214.2450, 1.8512,
12.9401

Harmonies

Analogous

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



111.7510, 35.1258, 73.8864



81.9230, 17.7860, 128.9865



99.4330, -22.8915, 109.2453

Triad

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



81.9230, 17.7860, 128.9865



99.5990, -49.1023, -24.2043



108.9700, 62.1328, -95.5667

Complementary

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



81.9230, 17.7860, 128.9865



147.0770, -17.7860, -128.9865

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.



106.2050, 38.8459, -93.1418



81.9230, 17.7860, 128.9865



88.1250, -20.2746, -77.2856

Square

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



81.9230, 17.7860, 128.9865



110.2510, -54.3537, 26.9669



98.5670, 9.5805, -86.4433



102.6900, 73.6098, -90.0591

Rectangle

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



81.9230, 17.7860, 128.9865



105.3200, -51.9228, 87.4194



98.5670, 9.5805, -86.4433



109.1350, 55.1494, -95.7114

Sweetspot

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



81.9230, 17.7860, 128.9865



206.1700, 5.8322, 42.8239



59.2950, 83.6646, 45.3453



98.3760, 3.2656, 25.9802



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.



81.9230, 17.7860, 128.9865



91.1790, 19.6318, 143.6710



68.9270, -32.0090, 140.3840



107.2720, 0.8519, 6.7775



64.0090, 13.7996, 100.8471



18.2130, 3.8390, 28.7542

Inverse Universe

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



81.9230, 17.7860, 128.9865



91.1790, 19.6318, 143.6710



160.0730, 32.0090, -140.3840



107.2720, 0.8519, 6.7775



64.0090, 13.7996, 100.8471



18.2130, 3.8390, 28.7542

Previews

White Background



This preview shows how the YUV color 81.9230, 17.7860, 128.9865 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 81.9230, 17.7860, 128.9865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

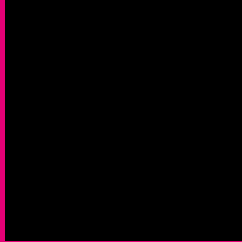
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 81.9230, 17.7860, 128.9865

Background



This preview shows how black text looks on a background with the YUV color 81.9230, 17.7860, 128.9865.



This preview shows how white text looks on a background with the YUV color 81.9230, 17.7860,

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

81.9230, 17.7860, 128.9865

Protanopia

119.4430, 24.9246, -14.4205

Deuteranopia

120.1820, -6.0057, 12.9954



Tritanopia

100.5210, -26.3859, 110.0451

Trichromacy



Original Color

81.9230, 17.7860, 128.9865



Protanomaly

105.7900, 22.2885, 37.8952



Deuteranomaly

106.1500, 2.8840, 55.1194



Tritanomaly

93.8050, -10.2569, 116.8120

Monochromacy



Original Color

81.9230, 17.7860, 128.9865



Achromatopsia

82.0000, 0.0000, 0.0000



Achromatomaly

81.7190, 6.5475, 46.7274

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.9230, 17.7860, 128.9865 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(229, 0, 118)` looks like.

```
.text, #text, p{  
    color:rgb(229, 0, 118)  
}
```

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(229, 0, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 0, 118) }
```

Border

The CSS property to change the border of an element to YUV 81.9230, 17.7860, 128.9865 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(229, 0, 118) }
```


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

```
.border{ border-color:rgb(229, 0, 118) }
```

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

Here you see how a box with a 4 pixel rgb(229, 0, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 0, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 0, 118);  
box-shadow:4px 4px 4px 4px rgb(229, 0,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 81.9230, 17.7860, 128.9865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 0, 118) }
```

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

```
.background{ background-color: rgb(229, 0,  
118) }
```

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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