

Converting Colors

YUV(81.5850, 20.4176,
124.8980)

Have a look what the booklet for
YUV(81.5850, 20.4176, 124.8980)
contains.

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Color

**YUV(81.5850, 20.4176,
124.8980)**

Conversions

Conversions Part 1

Format	Color
Hex	E0017B
RGB	224, 1, 123
RGB Percent	88%, 0%, 48%
CMY	0.1216, 0.9961, 0.5176
CMYK	0.00, 1.00, 0.45, 0.12
HSL	327°, 99%, 44%
HSV	327°, 100%, 88%
XYZ	34.3265, 17.2991, 20.2687
YIQ	81.5850, 93.7460, 85.2180

Conversions

Conversions Part 2

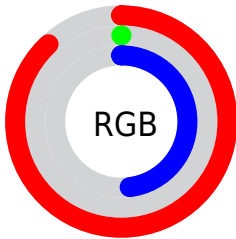
Format	Color
R_{YB}	224, 1, 123
Decimal	14680443
CIE Lab	48.63, 77.47, -2.76
CIE LCh	49, 77.520, 357.962
Yxy	17.2991, 0.4775, 0.2406
Android (android.graphics.Color)	4292870523 (0xFFE0017B)
YUV	81.5850, 20.4176, 124.8980
Hunter-Lab	41.5921, 74.5319, 0.2212

Details

The YUV color **81.5850, 20.4176, 124.8980** 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 **143.4150, -20.4176, -124.8980**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.7860, 11.9375, 91.3957**, and **56.9880, 8.8799, 92.0955** is the 20% darker color. If you saturate the color by 10%, you get **80.9980, 20.7070, 125.4128**, and if you desaturate by 10%, it is **95.6390, 18.4190, 112.5726**.

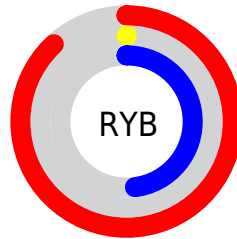
Distribution



Red (88%)

Green (0%)

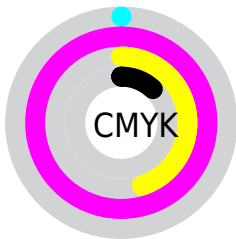
Blue (48%)



Red (88%)

Yellow (0%)

Blue (48%)

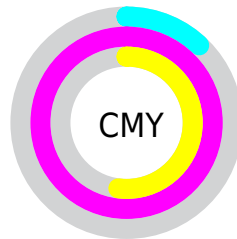


Cyan (0%)

Magenta (100%)

Yellow (45%)

Black (12%)



Cyan (12%)


Magenta (100%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YUV color 81.5850, 20.4176, 124.8980 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 81.5850, 20.4176, 124.8980 by changing the saturation by 10% instead.


 81.5850, 20.4176,
124.8980


 81.5850, 20.4176,
124.8980

255.0000, 0.0000,
0.0000


 68.8790, 14.3567,
108.8541


 150.7860, 11.9375,
91.3957


 56.9880, 8.8799,
92.0955


 172.1750, 15.1967,
72.6375


 45.3960, 3.2558,
75.9517


 192.9770, 18.7453,
54.3942

 34.0320, -1.4948,
59.6079

 213.3230, 20.5468,
36.5507

 22.6960, -8.7241,
44.9936

 230.9330, 11.8650,
21.1068

 12.3730, -5.6069,
25.1059

 249.1300, 2.8939,

 0.0000, 0.0000,

5.1480

0.0000

■ 81.5850, 20.4176,
124.8980

■ 81.5850, 20.4176,
124.8980

■ 80.9980, 20.7070,
125.4128

■ 95.6390, 18.4190,
112.5726

■ 110.2800, 16.1310,
99.7324

■ 124.3340, 14.1323,
87.4071

■ 139.0890, 12.2811,
74.4669

■ 153.1430, 10.2825,
62.1416

■ 167.1970, 8.2839,
49.8162

■ 181.8380, 5.9959,
36.9761

■ 195.8920, 3.9972,
24.6507

■ 210.5330, 1.7092,
11.8106

Harmonies

Analogous

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



111.7500, 36.6052, 65.9942



81.5850, 20.4176, 124.8980



95.1220, -17.8081, 112.1490

Triad

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



81.5850, 20.4176, 124.8980



99.3440, -48.9766, -17.8417



107.4710, 58.9278, -94.2521

Complementary

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



81.5850, 20.4176, 124.8980



143.4150, -20.4176, -124.8980

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.



104.0050, 35.4935, -91.2124



81.5850, 20.4176, 124.8980



85.2240, -23.7744, -74.7414

Square

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



81.5850, 20.4176, 124.8980



108.8000, -53.6384, 30.8704



95.7800, 6.5175, -83.9991



102.3480, 72.2994, -89.7592

Rectangle

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



81.5850, 20.4176, 124.8980



102.7100, -46.6920, 89.7083



95.7800, 6.5175, -83.9991



107.0490, 52.2338, -93.8820

Sweetspot

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



81.5850, 20.4176, 124.8980



206.3980, 6.7058, 42.6240



56.3220, 82.6653, 39.1826



98.6040, 4.1392, 25.7803



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.



81.5850, 20.4176, 124.8980



92.2050, 23.5629, 142.7712



68.9310, -28.0670, 135.9955



104.9730, 0.9993, 6.1627



63.5680, 15.9890, 98.6029



17.4300, 4.7180, 26.8099

Inverse Universe

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



81.5850, 20.4176, 124.8980



92.2050, 23.5629, 142.7712



156.0690, 28.0670, -135.9955



104.9730, 0.9993, 6.1627



63.5680, 15.9890, 98.6029



17.4300, 4.7180, 26.8099

Previews

White Background



This preview shows how the YUV color 81.5850, 20.4176, 124.8980 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 81.5850, 20.4176, 124.8980 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 81.5850, 20.4176, 124.8980

Background



This preview shows how black text looks on a background with the YUV color 81.5850, 20.4176, 124.8980.



This preview shows how white text looks on a background with the YUV color 81.5850, 20.4176,

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

81.5850, 20.4176, 124.8980

Protanopia

116.3870, 29.8822, -17.8794

Deuteranopia

118.1970, -2.0691, 10.3512



Tritanopia

100.2430, -24.7698, 105.0269

Trichromacy



Original Color

81.5850, 20.4176, 124.8980



Protanomaly

104.0930, 26.0832, 34.1214



Deuteranomaly

104.6380, 6.0945, 52.0605



Tritanomaly

93.6410, -8.2040, 111.6938

Monochromacy



Original Color

81.5850, 20.4176, 124.8980



Achromatopsia

82.0000, 0.0000, 0.0000



Achromatomaly

82.2350, 7.2791, 45.3979

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.5850, 20.4176, 124.8980 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(224, 1, 123)` looks like.

```
.text, #text, p{  
    color:rgb(224, 1, 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(224, 1, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 1, 123) }
```

Border

The CSS property to change the border of an element to YUV 81.5850, 20.4176, 124.8980 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(224, 1, 123) }
```


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

```
.border{ border-color:rgb(224, 1, 123) }
```

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

Here you see how a box with a 4 pixel rgb(224, 1, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 1, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 1, 123);  
box-shadow:4px 4px 4px 4px rgb(224, 1,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 81.5850, 20.4176, 124.8980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 1, 123) }
```

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

```
.background{ background-color: rgb(224, 1,  
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](#).

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