

Converting Colors

YUV(81.7100, 20.8490,
126.5423)

Have a look what the booklet for
YUV(81.7100, 20.8490, 126.5423)
contains.

YUV(81.7100, 20.8490, 126.5423)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(81.7100, 20.8490,
126.5423)**

Conversions

Conversions Part 1

Format	Color
Hex	E2007C
RGB	226, 0, 124
RGB Percent	89%, 0%, 49%
CMY	0.1137, 1.0000, 0.5137
CMYK	0.00, 1.00, 0.45, 0.11
HSL	327°, 100%, 44%
HSV	327°, 100%, 89%
XYZ	35.0021, 17.6240, 20.6257
YIQ	81.7100, 94.8920, 86.4760

Conversions

Conversions Part 2

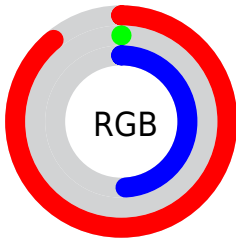
Format	Color
RYB	226, 0, 124
Decimal	14811260
CIELab	49.04, 78.06, -2.73
CIElCh	49, 78.106, 357.997
Yxy	17.6240, 0.4778, 0.2406
Android (android.graphics.Color)	4293001340 (0xFFE2007C)
YUV	81.7100, 20.8490, 126.5423
Hunter-Lab	41.9809, 75.3599, 0.2568

Details

The YUV color **81.7100, 20.8490, 126.5423** 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 **144.2900, -20.8490, -126.5423**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.9000, 12.3743, 91.2957**, and **57.7000, 9.0219, 93.2251** is the 20% darker color. If you saturate the color by 10%, you get **81.7100, 20.8490, 126.5423**, and if you desaturate by 10%, it is **96.3510, 18.5610, 113.7022**.

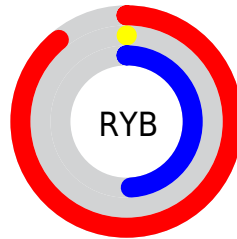
Distribution



Red (89%)

Green (0%)

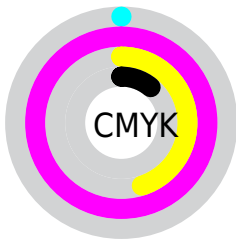
Blue (49%)



Red (89%)

Yellow (0%)

Blue (49%)

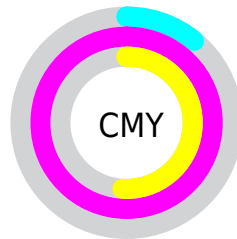


Cyan (0%)

Magenta (100%)

Yellow (45%)

Black (11%)



Cyan (11%)


Magenta (100%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YUV color 81.7100, 20.8490, 126.5423 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 81.7100, 20.8490, 126.5423 by changing the saturation by 10% instead.


 81.7100, 20.8490,
126.5423


 81.7100, 20.8490,
126.5423


255.0000, 0.0000,
0.0000


 69.5910, 14.4986,
109.9837


 150.9000, 12.3743,
91.2957


 57.7000, 9.0219,
93.2251


 172.2890, 15.6335,
72.5375


 46.1080, 3.3978,
77.0813


 193.6780, 18.8927,
53.7794

 34.4450, -1.2054,
60.1227

 213.9100, 20.2574,
36.0359

 23.5220, -8.1453,
46.0232

 231.5200, 11.5756,
20.5920

 12.9710, -5.9017,
26.3354

 249.1300, 2.8939,

 0.0000, 0.0000,

5.1480

0.0000

■ 81.7100, 20.8490,
126.5423

■ 96.3510, 18.5610,
113.7022

■ 110.4050, 16.5623,
101.3768

■ 125.1600, 14.7111,
88.4367

■ 139.2140, 12.7125,
76.1113

■ 153.8550, 10.4245,
63.2712

■ 168.4960, 8.1365,
50.4310

■ 182.5500, 6.1379,
38.1057

■ 197.3050, 4.2866,
25.1655

■ 211.3590, 2.2880,
12.8402

Harmonies

Analogous

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



112.5760, 37.1840, 67.0238



81.7100, 20.8490, 126.5423



96.3070, -18.3924, 112.8638

Triad

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



81.7100, 20.8490, 126.5423



100.2300, -49.4134, -17.7417



108.2860, 59.5120, -94.9668

Complementary

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



81.7100, 20.8490, 126.5423



144.2900, -20.8490, -126.5423

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.



104.7060, 35.6409, -91.8272



81.7100, 20.8490, 126.5423



86.5120, -23.9164, -75.8710

Square

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



81.7100, 20.8490, 126.5423



109.9850, -54.2226, 31.5852



97.0680, 6.3755, -85.1286



103.1630, 72.8836, -90.4740

Rectangle

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



81.7100, 20.8490, 126.5423



103.8950, -47.2762, 90.4231



97.0680, 6.3755, -85.1286



107.8640, 52.8180, -94.5967

Sweetspot

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



81.7100, 20.8490, 126.5423



206.3980, 6.7058, 42.6240



56.2620, 83.6808, 40.1122



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.



81.7100, 20.8490, 126.5423



92.2050, 23.5629, 142.7712



68.8280, -28.5092, 137.8398



104.9730, 0.9993, 6.1627



63.6820, 16.4258, 98.5029



17.4300, 4.7180, 26.8099

Inverse Universe

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



81.7100, 20.8490, 126.5423



92.2050, 23.5629, 142.7712



157.1720, 28.5092, -137.8398



104.9730, 0.9993, 6.1627



63.6820, 16.4258, 98.5029



17.4300, 4.7180, 26.8099

Previews

White Background



This preview shows how the YUV color 81.7100, 20.8490, 126.5423 looks on a white background.

Color Contrast Check

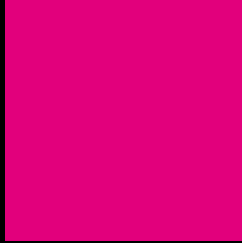
Large Text (above 18pt) WCAG AA ✓ Pass

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 81.7100, 20.8490, 126.5423 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 81.7100, 20.8490, 126.5423

Background



This preview shows how black text looks on a background with the YUV color 81.7100, 20.8490, 126.5423.



This preview shows how white text looks on a background with the YUV color 81.7100, 20.8490,

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

81.7100, 20.8490, 126.5423

Protanopia

117.5010, 30.3190, -17.9794

Deuteranopia

119.0830, -2.5059, 10.4512



Tritanopia

100.8410, -25.0646, 106.2564

Trichromacy



Original Color

81.7100, 20.8490, 126.5423



Protanomaly

104.6200, 26.8093, 34.5363



Deuteranomaly

105.9370, 5.9471, 52.6753



Tritanomaly

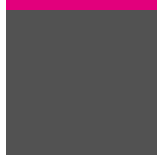
93.6520, -8.2094, 113.4382

Monochromacy



Original Color

81.7100, 20.8490, 126.5423



Achromatopsia

82.0000, 0.0000, 0.0000



Achromatomaly

81.6480, 7.5685, 45.9127

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.7100, 20.8490, 126.5423 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(226, 0, 124)` looks like.

```
.text, #text, p{  
    color:rgb(226, 0, 124)  
}
```

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(226, 0, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 0, 124) }
```

Border

The CSS property to change the border of an element to YUV 81.7100, 20.8490, 126.5423 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(226, 0, 124) }
```


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

```
.border{ border-color:rgb(226, 0, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 0, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 0, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 0, 124);  
box-shadow:4px 4px 4px 4px rgb(226, 0,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 81.7100, 20.8490, 126.5423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 0, 124) }
```

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

```
.background{ background-color: rgb(226, 0,  
124) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor