

Converting Colors

YUV(81.8240, 34.5968,
103.6404)

Have a look what the booklet for
YUV(81.8240, 34.5968, 103.6404)
contains.

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Color

**YUV(81.8240, 34.5968,
103.6404)**

Conversions

Conversions Part 1

Format	Color
Hex	C80898
RGB	200, 8, 152
RGB Percent	78%, 3%, 60%
CMY	0.2157, 0.9686, 0.4039
CMYK	0.00, 0.96, 0.24, 0.22
HSL	315°, 92%, 41%
HSV	315°, 96%, 78%
XYZ	29.5737, 14.7200, 30.9883
YIQ	81.8240, 68.2080, 85.4880

Conversions

Conversions Part 2

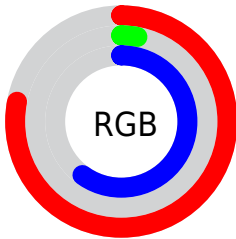
Format	Color
R_{YB}	200, 8, 152
Decimal	13109400
CIE _{Lab}	45.25, 74.81, -25.96
CIE _{LCh}	45, 79.186, 340.866
Yxy	14.7200, 0.3928, 0.1955
Android (android.graphics.Color)	4291299480 (0xFFC80898)
YUV	81.8240, 34.5968, 103.6404
Hunter-Lab	38.3667, 70.4494, -21.0311

Details

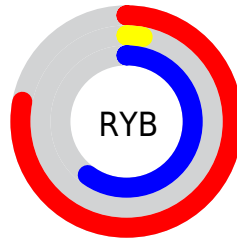
The YUV color **81.8240, 34.5968, 103.6404** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **126.1760, -34.5968, -103.6404**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.2600, 26.4938, 89.2260**, and **53.6730, 23.3322, 76.5858** is the 20% darker color. If you saturate the color by 10%, you get **76.9000, 36.0383, 107.9587**, and if you desaturate by 10%, it is **94.1340, 30.9929, 92.8445**.

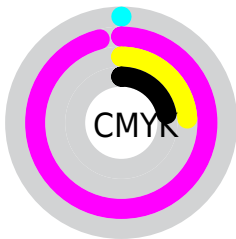
Distribution



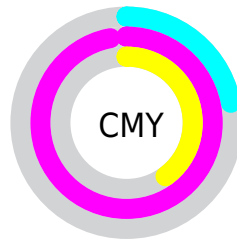
- Red (78%)
- Green (3%)
- Blue (60%)



- Red (78%)
- Yellow (3%)
- Blue (60%)



- Cyan (0%)
- Magenta (96%)
- Yellow (24%)
- Black (22%)





- Cyan (22%)
- Magenta (97%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YUV color 81.8240, 34.5968, 103.6404 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 81.8240, 34.5968, 103.6404 by changing the saturation by 10% instead.


 81.8240, 34.5968,
103.6404


 81.8240, 34.5968,
103.6404


255.0000, 0.0000,
0.0000


 65.1940, 29.9774,
91.9149


 153.2600, 26.4938,
89.2260


 53.6730, 23.3322,
76.5858


 174.0620, 30.0424,
70.9826


 42.1520, 16.6871,
61.2567


 193.9520, 30.0967,
53.5391

 31.1580, 10.7681,
46.3424

 210.9750, 21.7043,
38.6099

 20.3920, 5.7227,
31.2282

 228.5850, 13.0226,
23.1660

 7.1050, -2.5168,
13.9399

 246.1950, 4.3409,

 0.0000, 0.0000,

7.7220

0.0000

■ 81.8240, 34.5968,
103.6404

■ 81.8240, 34.5968,
103.6404

■ 76.9000, 36.0383,
107.9587

■ 94.1340, 30.9929,
92.8445

■ 106.4440, 27.3891,
82.0486

■ 118.7540, 23.7853,
71.2527

■ 131.0640, 20.1814,
60.4569

■ 143.3740, 16.5776,
49.6610

■ 155.6840, 12.9738,
38.8651

■ 167.9940, 9.3700,
28.0693

■ 180.3040, 5.7661,
17.2734

■ 192.6140, 2.1623,
6.4775

Harmonies

Analogous

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



108.2160, 49.6865, 23.4896



81.8240, 34.5968, 103.6404



75.2850, 5.2825, 126.0381

Triad

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



81.8240, 34.5968, 103.6404



98.3350, -48.4792, 9.3532



100.0730, 45.8130, -87.7640

Complementary

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



81.8240, 34.5968, 103.6404



126.1760, -34.5968, -103.6404

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.



93.4780, 18.0053, -81.9802



81.8240, 34.5968, 103.6404



76.0660, -37.5005, -58.8169

Square

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



81.8240, 34.5968, 103.6404



100.6920, -49.6412, 55.5211



84.3240, -11.9917, -73.9521



100.6380, 65.7475, -88.2595

Rectangle

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



81.8240, 34.5968, 103.6404



81.3180, -18.3978, 114.6081



84.3240, -11.9917, -73.9521



98.4940, 37.2245, -86.3792

Sweetspot

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



81.8240, 34.5968, 103.6404



209.5100, 13.5526, 39.8947



44.2400, 76.7897, 10.3135



100.2170, 7.7810, 24.3657



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.



81.8240, 34.5968, 103.6404



98.0190, 45.8396, 137.6723



70.8800, -7.3358, 113.2382



93.4890, 1.7309, 4.8331



62.6450, 29.2620, 88.0113



13.8420, 6.4869, 19.4326

Inverse Universe

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



81.8240, 34.5968, 103.6404



98.0190, 45.8396, 137.6723



137.1200, 7.3358, -113.2382



93.4890, 1.7309, 4.8331



62.6450, 29.2620, 88.0113



13.8420, 6.4869, 19.4326

Previews

White Background



This preview shows how the YUV color 81.8240, 34.5968, 103.6404 looks on a white background.

Color Contrast Check

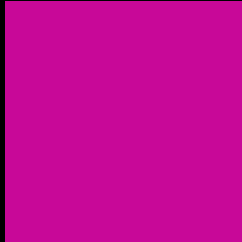
Large Text (above 18pt) WCAG AA ✓ Pass

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 81.8240, 34.5968, 103.6404 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

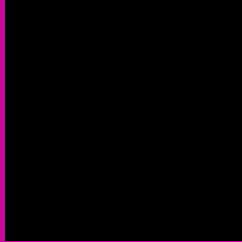
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 81.8240, 34.5968, 103.6404

Background



This preview shows how black text looks on a background with the YUV color 81.8240, 34.5968, 103.6404.



This preview shows how white text looks on a background with the YUV color 81.8240, 34.5968,

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

81.8240, 34.5968, 103.6404

Protanopia

97.6210, 58.3608, -52.2876

Deuteranopia

109.1960, 16.1724, -7.1879



Tritanopia

100.1090, -18.2947, 81.4654

Trichromacy



Original Color

81.8240, 34.5968, 103.6404



Protanomaly

92.0950, 49.7462, 4.3017



Deuteranomaly

99.2840, 23.0310, 33.0769



Tritanomaly

93.5010, 0.7390, 89.8916

Monochromacy



Original Color

81.8240, 34.5968, 103.6404



Achromatopsia

82.0000, 0.0000, 0.0000



Achromatomaly

81.8580, 12.3950, 37.8355

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.8240, 34.5968, 103.6404 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(200, 8, 152)` looks like.

```
.text, #text, p{  
    color:rgb(200, 8, 152)  
}
```

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(200, 8, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 8, 152) }
```

Border

The CSS property to change the border of an element to YUV 81.8240, 34.5968, 103.6404 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(200, 8, 152) }
```


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

```
.border{ border-color:rgb(200, 8, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 8, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 8, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 8, 152);  
box-shadow:4px 4px 4px 4px rgb(200, 8,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 81.8240, 34.5968, 103.6404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 8, 152) }
```

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

```
.background{ background-color: rgb(200, 8,  
152) }
```

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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