

Converting Colors

YUV(79.8040, 31.6486,
115.9359)

Have a look what the booklet for
YUV(79.8040, 31.6486, 115.9359)
contains.

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Color

**YUV(79.8040, 31.6486,
115.9359)**

Conversions

Conversions Part 1

Format	Color
Hex	D40090
RGB	212, 0, 144
RGB Percent	83%, 0%, 56%
CMY	0.1686, 1.0000, 0.4353
CMYK	0.00, 1.00, 0.32, 0.17
HSL	319°, 100%, 42%
HSV	319°, 100%, 83%
XYZ	32.1854, 16.0107, 27.7796
YIQ	79.8040, 80.1280, 89.7280

Conversions

Conversions Part 2

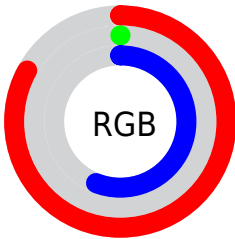
Format	Color
RYB	212, 0, 144
Decimal	13893776
CIELab	46.99, 77.00, -18.25
CIELCh	47, 79.136, 346.669
Yxy	16.0107, 0.4236, 0.2107
Android (android.graphics.Color)	4292083856 (0xFFD40090)
YUV	79.8040, 31.6486, 115.9359
Hunter-Lab	40.0133, 73.5563, -13.1532

Details

The YUV color **79.8040, 31.6486, 115.9359** 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 **132.1960, -31.6486, -115.9359**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.2340, 22.5626, 90.1258**, and **56.0500, 18.2164, 84.1482** is the 20% darker color. If you saturate the color by 10%, you get **79.8040, 31.6486, 115.9359**, and if you desaturate by 10%, it is **92.9290, 28.6290, 104.4253**.

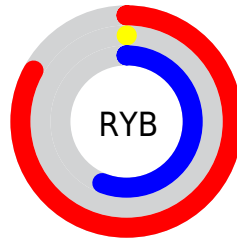
Distribution



Red (83%)

Green (0%)

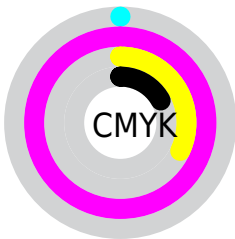
Blue (56%)



Red (83%)

Yellow (0%)

Blue (56%)

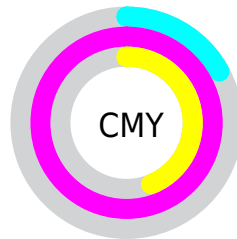


Cyan (0%)

Magenta (100%)

Yellow (32%)

Black (17%)



Cyan (17%)


Magenta (100%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YUV color 79.8040, 31.6486, 115.9359 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 79.8040, 31.6486, 115.9359 by changing the saturation by 10% instead.


 79.8040, 31.6486,
115.9359


 79.8040, 31.6486,
115.9359


255.0000, 0.0000,
0.0000


 67.8700, 24.7141,
100.0920


 152.2340, 22.5626,
90.1258


 56.0500, 18.2164,
84.1482


 173.6230, 25.8219,
71.3676

 44.4580, 12.5922,
68.0043


 194.5390, 29.8073,
53.0243

 33.1650, 6.8207,
52.4753

 212.1490, 21.1255,
37.5803

 22.5130, 2.2121,
37.2611

 229.7590, 12.4438,
22.1364

 10.5790, -4.7224,
21.4172

 247.3690, 3.7621,

 0.0000, 0.0000,

6.6924

0.0000

■ 79.8040, 31.6486,
115.9359

■ 92.9290, 28.6290,
104.4253

■ 106.0540, 25.6094,
92.9146

■ 119.6520, 21.8636,
80.9892

■ 132.7770, 18.8439,
69.4786

■ 145.9020, 15.8243,
57.9679

■ 159.0270, 12.8047,
46.4573

■ 172.1520, 9.7851,
34.9467

■ 185.7500, 6.0393,
23.0212

■ 198.8750, 3.0196,
11.5106

Harmonies

Analogous

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



111.8760, 45.4171, 39.5737



79.8040, 31.6486, 115.9359



75.8680, 1.0511, 129.9118

Triad

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



79.8040, 31.6486, 115.9359



100.9380, -49.7624, 0.9314



104.1310, 51.2074, -91.3229

Complementary

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



79.8040, 31.6486, 115.9359



132.1960, -31.6486, -115.9359

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.



98.4650, 24.4208, -86.3538



79.8040, 31.6486, 115.9359



77.4840, -38.1996, -67.9535

Square

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



79.8040, 31.6486, 115.9359



105.3660, -51.9454, 47.9140



89.3110, -5.5763, -78.3257



102.8380, 69.0999, -90.1889

Rectangle

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



79.8040, 31.6486, 115.9359



93.5050, -28.8430, 104.7971



89.3110, -5.5763, -78.3257



102.6660, 43.0557, -90.0381

Sweetspot

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



79.8040, 31.6486, 115.9359



207.5380, 11.0738, 41.6242



44.2010, 82.7249, 19.9947



99.2880, 6.7600, 25.1804



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.



79.8040, 31.6486, 115.9359



95.9670, 37.9773, 139.4719



67.8340, -14.2152, 126.4336



100.2010, 1.8729, 5.9627



64.3530, 25.4620, 93.5294



16.1630, 6.3286, 23.5360

Inverse Universe

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



79.8040, 31.6486, 115.9359



95.9670, 37.9773, 139.4719



144.1660, 14.2152, -126.4336



100.2010, 1.8729, 5.9627



64.3530, 25.4620, 93.5294



16.1630, 6.3286, 23.5360

Previews

White Background



This preview shows how the YUV color 79.8040, 31.6486, 115.9359 looks on a white background.

Color Contrast Check

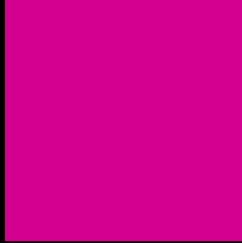
Large Text (above 18pt) WCAG AA ✓ Pass

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 79.8040, 31.6486, 115.9359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

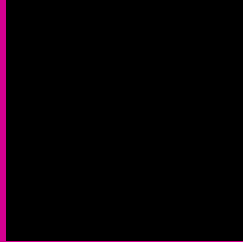
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 79.8040, 31.6486, 115.9359

Background



This preview shows how black text looks on a background with the YUV color 79.8040, 31.6486, 115.9359.



This preview shows how white text looks on a background with the YUV color 79.8040, 31.6486,

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

79.8040, 31.6486, 115.9359

Protanopia

108.0870, 48.2711, -36.0333

Deuteranopia

114.5190, 9.6041, -0.4552



Tritanopia

101.7790, -21.0900, 91.4018

Trichromacy



Original Color

79.8040, 31.6486, 115.9359



Protanomaly

97.8320, 41.9878, 19.4413



Deuteranomaly

102.2590, 17.6203, 41.8689



Tritanomaly

93.5840, -1.7669, 100.3428

Monochromacy



Original Color

79.8040, 31.6486, 115.9359



Achromatopsia

80.0000, 0.0000, 0.0000



Achromatomaly

79.9510, 11.3632, 42.1390

CSS Examples

Text

The CSS property to change the color of the text to YUV 79.8040, 31.6486, 115.9359 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(212, 0, 144)` looks like.

```
.text, #text, p{  
    color:rgb(212, 0, 144)  
}
```

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(212, 0, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 0, 144) }
```

Border

The CSS property to change the border of an element to YUV 79.8040, 31.6486, 115.9359 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(212, 0, 144) }
```


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

```
.border{ border-color:rgb(212, 0, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 0, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 0, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 0, 144);  
box-shadow:4px 4px 4px 4px rgb(212, 0,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 79.8040, 31.6486, 115.9359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 0, 144) }
```

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

```
.background{ background-color: rgb(212, 0,  
144) }
```

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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