

Converting Colors

YUV(109.6280, 31.7354,
88.0262)

Have a look what the booklet for
YUV(109.6280, 31.7354, 88.0262)
contains.

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Color

**YUV(109.6280, 31.7354,
88.0262)**

Conversions

Conversions Part 1

Format	Color
Hex	D22EAE
RGB	210, 46, 174
RGB Percent	82%, 18%, 68%
CMY	0.1765, 0.8196, 0.3176
CMYK	0.00, 0.78, 0.17, 0.18
HSL	313°, 65%, 50%
HSV	313°, 78%, 82%
XYZ	35.1953, 18.7116, 41.8011
YIQ	109.6280, 56.6560, 74.5760

Conversions

Conversions Part 2

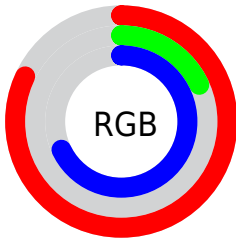
Format	Color
R _Y B	210, 46, 174
Decimal	13774510
CIE Lab	50.35, 73.06, -30.96
CIE LCh	50, 79.355, 337.033
Yxy	18.7116, 0.3677, 0.1955
Android (android.graphics.Color)	4291964590 (0xFFD22EAE)
YUV	109.6280, 31.7354, 88.0262
Hunter-Lab	43.2569, 69.5341, -27.0147

Details

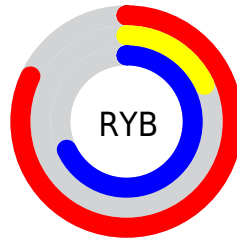
The YUV color **109.6280, 31.7354, 88.0262** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **146.3720, -31.7354, -88.0262**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.0350, 31.0417, 77.1453**, and **58.9430, 30.5941, 80.7340** is the 20% darker color. If you saturate the color by 10%, you get **96.7310, 35.6286, 99.3369**, and if you desaturate by 10%, it is **122.5250, 27.8422, 76.7156**.

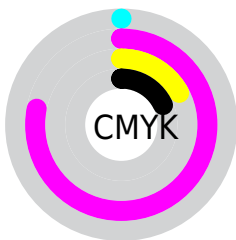
Distribution



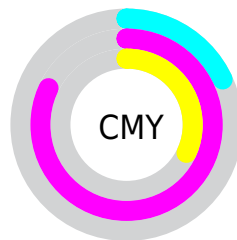
- Red (82%)
- Green (18%)
- Blue (68%)



- Red (82%)
- Yellow (18%)
- Blue (68%)



- Cyan (0%)
- Magenta (78%)
- Yellow (17%)
- Black (18%)





- Cyan (18%)
- Magenta (82%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YUV color 109.6280, 31.7354, 88.0262 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 109.6280, 31.7354, 88.0262 by changing the saturation by 10% instead.


 109.6280, 31.7354,
88.0262


 109.6280, 31.7354,
88.0262


255.0000, 0.0000,
0.0000


 70.5780, 37.6760,
95.9631

 167.0350, 31.0417,
77.1453


 58.9430, 30.5941,
80.7340


 186.9080, 33.5694,
59.7167


 47.4220, 23.9490,
65.4049


 204.5180, 24.8876,
44.2727

 36.3140, 17.5932,
50.5906

 221.5410, 16.4953,
29.3435

 25.9180, 11.3794,
36.9059

 239.1510, 7.8136,
13.8996

 14.7390, 6.0447,
21.2769

 0.0000, 0.0000,

0.0000

■ 109.6280, 31.7354,
88.0262

■ 109.6280, 31.7354,
88.0262

■ 96.7310, 35.6286,
99.3369

■ 122.5250, 27.8422,
76.7156

■ 83.9480, 39.9586,
110.5476

■ 135.3080, 23.5122,
65.5049

■ 81.4860, 40.6794,
112.7068

■ 148.2050, 19.6189,
54.1942

■ 160.9880, 15.2889,
42.9835

■ 173.8850, 11.3957,
31.6729

■ 186.7820, 7.5025,
20.3622

■ 199.5650, 3.1725,
9.1515

■ 212.4620, -0.7208,
-2.1592

■ 225.2450, -5.0508,
-13.3699

Harmonies

Analogous

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



121.3610, 53.0660, 12.8384



109.6280, 31.7354, 88.0262



82.4630, 12.0967, 133.7749

Triad

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



109.6280, 31.7354, 88.0262



111.0820, -54.7634, 18.3451



109.0890, 44.8191, -95.6711

Complementary

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



109.6280, 31.7354, 88.0262



146.3720, -31.7354, -88.0262

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.



102.2660, 16.1379, -89.6873



109.6280, 31.7354, 88.0262



97.1520, -47.8959, -37.8443

Square

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



109.6280, 31.7354, 88.0262



111.9660, -55.1992, 64.9278



92.2970, -14.4434, -80.9445



110.6970, 66.2114, -97.0813

Rectangle

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



109.6280, 31.7354, 88.0262



98.5570, -17.5296, 116.1525



92.2970, -14.4434, -80.9445



107.3960, 35.7938, -94.1863

Sweetspot

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



109.6280, 31.7354, 88.0262



218.8850, 11.3957, 31.6729



75.4600, 66.3282, 5.7356



105.9560, 6.9237, 19.3326



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.



109.6280, 31.7354, 88.0262



108.0780, 46.3035, 128.8506



100.2800, -4.0820, 96.2244



98.2010, 1.8729, 5.9627



65.1660, 32.4562, 90.1854



15.9070, 7.9338, 22.0066

Inverse Universe

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



109.6280, 31.7354, 88.0262



108.0780, 46.3035, 128.8506



155.7200, 4.0820, -96.2244



98.2010, 1.8729, 5.9627



65.1660, 32.4562, 90.1854



15.9070, 7.9338, 22.0066

Previews

White Background



This preview shows how the YUV color 109.6280, 31.7354, 88.0262 looks on a white background.

Color Contrast Check

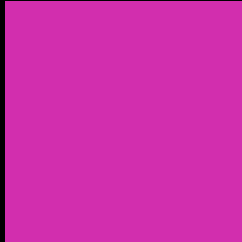
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 109.6280, 31.7354, 88.0262 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

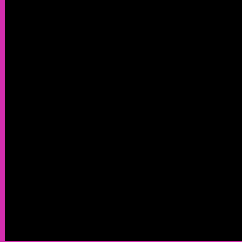
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 109.6280, 31.7354, 88.0262

Background



This preview shows how black text looks on a background with the YUV color 109.6280, 31.7354, 88.0262.



This preview shows how white text looks on a background with the YUV color 109.6280, 31.7354, 88.0262.

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

109.6280, 31.7354, 88.0262

Protanopia

111.2730, 59.5184, -50.2284

Deuteranopia

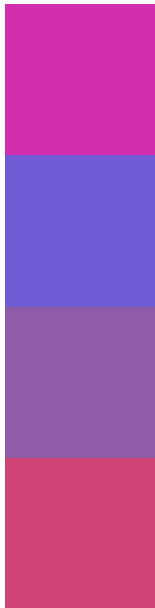
120.5420, 21.4248, -11.8763



Tritanopia

116.2330, -16.3839, 75.2177

Trichromacy



Original Color

109.6280, 31.7354, 88.0262

Protanomaly

110.6600, 49.4676, 0.2982

Deuteranomaly

116.2120, 25.5315, 24.3701

Tritanomaly

113.8480, 1.0609, 79.9403

Monochromacy



Original Color

109.6280, 31.7354, 88.0262

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.8850, 11.3957, 31.6729

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.6280, 31.7354, 88.0262 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(210, 46, 174)` looks like.

```
.text, #text, p{  
    color:rgb(210, 46, 174)  
}
```

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(210, 46, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 46, 174) }
```

Border

The CSS property to change the border of an element to YUV 109.6280, 31.7354, 88.0262 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(210, 46, 174) }
```


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

```
.border{ border-color:rgb(210, 46, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 46, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 46, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 46, 174);  
box-shadow:4px 4px 4px 4px rgb(210, 46,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 109.6280, 31.7354, 88.0262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 46, 174) }
```

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

```
.background{ background-color: rgb(210, 46,  
174) }
```

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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