

Converting Colors

YUV(89.8360, 29.6609,
100.1218)

Have a look what the booklet for
YUV(89.8360, 29.6609, 100.1218)
contains.

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Color

**YUV(89.8360, 29.6609,
100.1218)**

Conversions

Conversions Part 1

Format	Color
Hex	CC1496
RGB	204, 20, 150
RGB Percent	80%, 8%, 59%
CMY	0.2000, 0.9216, 0.4118
CMYK	0.00, 0.90, 0.26, 0.20
HSL	318°, 82%, 44%
HSV	318°, 90%, 80%
XYZ	30.6570, 15.5397, 30.2378
YIQ	89.8360, 67.9340, 79.4380

Conversions

Conversions Part 2

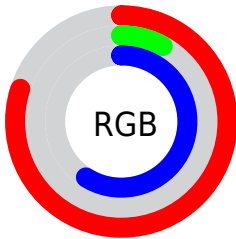
Format	Color
R_{YB}	204, 20, 150
Decimal	13374614
CIE _{Lab}	46.36, 74.09, -22.96
CIE _{LCh}	46, 77.562, 342.782
Yxy	15.5397, 0.4011, 0.2033
Android (android.graphics.Color)	4291564694 (0xFFCC1496)
YUV	89.8360, 29.6609, 100.1218
Hunter-Lab	39.4204, 69.8326, -17.8847

Details

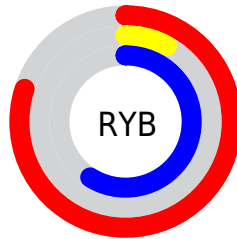
The YUV color **89.8360, 29.6609, 100.1218** is a dark color, and the websafe version is hex **CC0099**. The color can be described as dark washed rose. A complement of this color would be **134.1640, -29.6609, -100.1218**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.2660, 24.0259, 87.4667**, and **54.6410, 21.8690, 79.2448** is the 20% darker color. If you saturate the color by 10%, you get **77.4120, 32.8279, 111.0177**, and if you desaturate by 10%, it is **102.2600, 26.4938, 89.2260**.

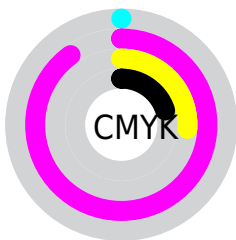
Distribution



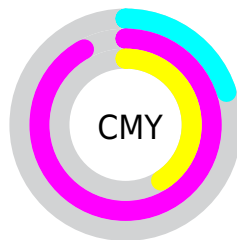
- Red (80%)
- Green (8%)
- Blue (59%)



- Red (80%)
- Yellow (8%)
- Blue (59%)



- Cyan (0%)
- Magenta (90%)
- Yellow (26%)
- Black (20%)



- Cyan (20%)
- Magenta (92%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.8360, 29.6609, 100.1218 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 89.8360, 29.6609, 100.1218 by changing the saturation by 10% instead.

■ 89.8360, 29.6609,
100.1218

■ 89.8360, 29.6609,
100.1218

■ 255.0000, 0.0000,
0.0000

■ 66.1620, 28.5141,
94.5739

■ 155.2660, 24.0259,
87.4667

■ 54.6410, 21.8690,
79.2448

■ 176.1820, 28.0113,
69.1234

■ 43.2340, 15.6606,
63.8158

■ 196.3000, 28.9391,
51.4799

■ 31.9410, 9.8891,
48.2867

■ 213.3230, 20.5468,
36.5507

■ 21.4740, 4.6963,
33.7873

■ 230.9330, 11.8650,
21.1068

■ 8.7850, -3.8380,
17.7286

■ 248.5430, 3.1833,

■ 0.0000, 0.0000,

5.6628

0.0000

■ 89.8360, 29.6609,
100.1218

■ 89.8360, 29.6609,
100.1218

■ 77.4120, 32.8279,
111.0177

■ 102.2600, 26.4938,
89.2260

■ 115.2710, 23.0374,
77.8153

■ 127.6950, 19.8704,
66.9195

■ 140.7060, 16.4139,
55.5088

■ 153.1300, 13.2469,
44.6130

■ 165.5540, 10.0799,
33.7171

■ 178.5650, 6.6235,
22.3065

■ 190.9890, 3.4564,
11.4106

■ 204.0000, 0.0000,
0.0000

Harmonies

Analogous

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



111.2660, 47.1969, 28.7077



89.8360, 29.6609, 100.1218



75.4700, 4.6983, 126.7528

Triad

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



89.8360, 29.6609, 100.1218



100.6830, -49.6367, 7.2940



102.4040, 47.1288, -89.8083

Complementary

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



89.8360, 29.6609, 100.1218



134.1640, -29.6609, -100.1218

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.



96.0370, 20.1948, -84.2244



89.8360, 29.6609, 100.1218



76.9190, -37.9211, -63.9500

Square

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



89.8360, 29.6609, 100.1218



103.6270, -51.0881, 52.9471



86.9970, -9.3655, -76.2964



102.0400, 66.0423, -89.4891

Rectangle

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



89.8360, 29.6609, 100.1218



90.0090, -23.1754, 106.9861



86.9970, -9.3655, -76.2964



100.8250, 38.5403, -88.4235

Sweetspot

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



89.8360, 29.6609, 100.1218



212.2170, 11.2320, 37.5207



56.5240, 72.7057, 13.5725



102.5650, 6.6235, 22.3065



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.



89.8360, 29.6609, 100.1218



96.7650, 41.0349, 138.7721



79.5760, -9.6510, 109.1198



95.7880, 1.5835, 5.4479



62.9720, 26.6358, 90.3556



14.4400, 6.1921, 20.6621

Inverse Universe

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



89.8360, 29.6609, 100.1218



96.7650, 41.0349, 138.7721



144.4240, 9.6510, -109.1198



95.7880, 1.5835, 5.4479



62.9720, 26.6358, 90.3556



14.4400, 6.1921, 20.6621

Previews

White Background



This preview shows how the YUV color 89.8360, 29.6609, 100.1218 looks on a white background.

Color Contrast Check

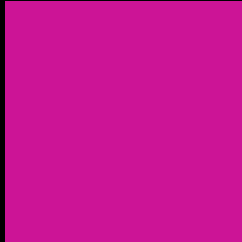
Large Text (above 18pt) WCAG AA ✓ Pass

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 89.8360, 29.6609, 100.1218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

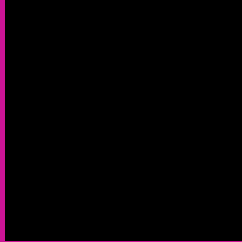
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.8360, 29.6609, 100.1218

Background



This preview shows how black text looks on a background with the YUV color 89.8360, 29.6609, 100.1218.



This preview shows how white text looks on a background with the YUV color 89.8360, 29.6609,

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

89.8360, 29.6609, 100.1218

Protanopia

103.5960, 52.9502, -43.4957

Deuteranopia

111.9360, 13.8356, -4.3289



Tritanopia

102.3050, -18.8844, 83.9245

Trichromacy



Original Color

89.8360, 29.6609, 100.1218



Protanomaly

98.7490, 44.4937, 8.9901



Deuteranomaly

104.0730, 19.6840, 33.2620



Tritanomaly

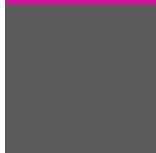
97.6320, -1.2976, 89.7767

Monochromacy



Original Color

89.8360, 29.6609, 100.1218



Achromatopsia

90.0000, 0.0000, 0.0000



Achromatomaly

90.0920, 10.8006, 35.8763

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.8360, 29.6609, 100.1218 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(204, 20, 150)` looks like.

```
.text, #text, p{  
    color:rgb(204, 20, 150)  
}
```

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(204, 20, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 20, 150) }
```

Border

The CSS property to change the border of an element to YUV 89.8360, 29.6609, 100.1218 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(204, 20, 150) }
```


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

```
.border{ border-color:rgb(204, 20, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 20, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 20, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 20, 150);  
box-shadow:4px 4px 4px 4px rgb(204, 20,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 89.8360, 29.6609, 100.1218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 20, 150) }
```

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

```
.background{ background-color: rgb(204, 20,  
150) }
```

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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