

Converting Colors

YUV(106.8690, 26.1936,
92.1999)

Have a look what the booklet for
YUV(106.8690, 26.1936, 92.1999)
contains.

YUV(106.8690, 26.1936, 92.1999)	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(106.8690, 26.1936,
92.1999)**

Conversions

Conversions Part 1

Format	Color
Hex	D42BA0
RGB	212, 43, 160
RGB Percent	83%, 17%, 63%
CMY	0.1686, 0.8314, 0.3725
CMYK	0.00, 0.80, 0.25, 0.17
HSL	318°, 66%, 50%
HSV	318°, 80%, 83%
XYZ	34.3604, 18.2629, 34.9718
YIQ	106.8690, 63.1670, 72.2150

Conversions

Conversions Part 2

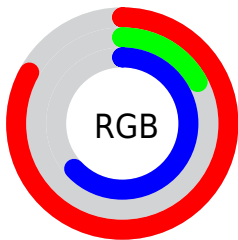
Format	Color
RYB	212, 43, 160
Decimal	13904800
CIELab	49.81, 72.51, -23.50
CIELCh	50, 76.219, 342.045
Yxy	18.2629, 0.3923, 0.2085
Android (android.graphics.Color)	4292094880 (0xFFD42BA0)
YUV	106.8690, 26.1936, 92.1999
Hunter-Lab	42.7351, 68.7335, -18.6048

Details

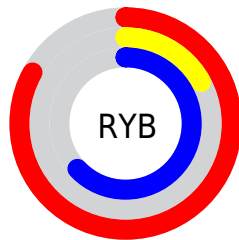
The YUV color **106.8690, 26.1936, 92.1999** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle washed rose. A complement of this color would be **148.1310, -26.1936, -92.1999**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.1510, 25.0686, 79.6746**, and **58.0590, 24.6209, 83.2633** is the 20% darker color. If you saturate the color by 10%, you get **93.7440, 29.2132, 103.7105**, and if you desaturate by 10%, it is **119.9940, 23.1740, 80.6893**.

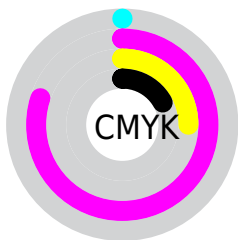
Distribution



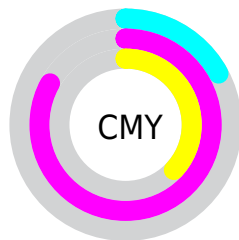
- Red (83%)
- Green (17%)
- Blue (63%)



- Red (83%)
- Yellow (17%)
- Blue (63%)



- Cyan (0%)
- Magenta (80%)
- Yellow (25%)
- Black (17%)





- Cyan (17%)
- Magenta (83%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the YUV color 106.8690, 26.1936, 92.1999 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 106.8690, 26.1936, 92.1999 by changing the saturation by 10% instead.


 106.8690, 26.1936,
92.1999


 106.8690, 26.1936,
92.1999


255.0000, 0.0000,
0.0000

 69.6940, 31.7029,
98.4924


 164.1510, 25.0686,
79.6746


 58.0590, 24.6209,
83.2633

 184.3660, 28.9066,
61.9460

 46.6520, 18.4126,
67.8342


 203.3440, 25.4664,
45.3023

 35.2450, 12.2042,
52.4051

 220.3670, 17.0741,
30.3731

 25.0770, 6.8640,
38.5205

 237.9770, 8.3923,
14.9292

 13.3710, 0.8031,
22.4766

 0.0000, 0.0000,

0.0000

■ 106.8690, 26.1936,
92.1999

■ 106.8690, 26.1936,
92.1999

■ 93.7440, 29.2132,
103.7105

■ 119.9940, 23.1740,
80.6893

■ 80.7330, 32.6696,
115.1212

■ 133.0050, 19.7175,
69.2786

■ 80.1460, 32.9590,
115.6360

■ 146.7170, 16.4085,
57.2532

■ 159.7280, 12.9521,
45.8425

■ 172.8530, 9.9325,
34.3319

■ 185.8640, 6.4760,
22.9213

■ 198.9890, 3.4564,
11.4106

■ 212.5870, -0.2894,
-0.5148

■ 225.7120, -3.3090,
-12.0254

Harmonies

Analogous

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



120.2550, 47.2023, 26.9634



106.8690, 26.1936, 92.1999



93.8020, 1.0836, 119.4456

Triad

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



106.8690, 26.1936, 92.1999



108.6680, -53.5733, 9.9382



108.4850, 47.5819, -95.1413

Complementary

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



106.8690, 26.1936, 92.1999



148.1310, -26.1936, -92.1999

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.



102.1180, 20.6478, -89.5575



106.8690, 26.1936, 92.1999



90.8840, -44.8058, -49.0103

Square

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



106.8690, 26.1936, 92.1999



111.6120, -55.0247, 55.5913



93.1920, -8.4757, -81.7294



108.1210, 66.4953, -94.8221

Rectangle

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



106.8690, 26.1936, 92.1999



102.4710, -23.8962, 104.8269



93.1920, -8.4757, -81.7294



106.9060, 38.9933, -93.7566

Sweetspot

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



106.8690, 26.1936, 92.1999



217.0270, 9.3537, 33.3023



77.5150, 66.3011, 14.4573



104.9130, 5.4659, 20.2473



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.



106.8690, 26.1936, 92.1999



102.6350, 38.1409, 133.6241



97.4070, -10.0607, 100.4981



100.2010, 1.8729, 5.9627



64.5810, 26.3356, 93.3295



16.2770, 6.7654, 23.4361

Inverse Universe

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



106.8690, 26.1936, 92.1999



102.6350, 38.1409, 133.6241



157.5930, 10.0607, -100.4981



100.2010, 1.8729, 5.9627



64.5810, 26.3356, 93.3295



16.2770, 6.7654, 23.4361

Previews

White Background



This preview shows how the YUV color 106.8690, 26.1936, 92.1999 looks on a white background.

Color Contrast Check

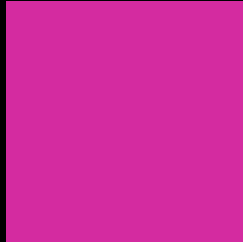
Large Text (above 18pt) WCAG AA ✓ Pass

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 106.8690, 26.1936, 92.1999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

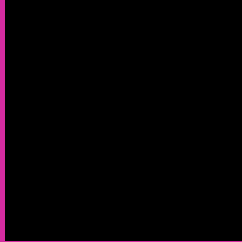
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 106.8690, 26.1936, 92.1999

Background



This preview shows how black text looks on a background with the YUV color 106.8690, 26.1936, 92.1999.



This preview shows how white text looks on a background with the YUV color 106.8690, 26.1936, 92.1999.

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

106.8690, 26.1936, 92.1999

Protanopia

113.9450, 50.3131, -37.6628

Deuteranopia

119.9790, 15.2934, -5.2436



Tritanopia

112.9240, -17.7105, 80.7507

Trichromacy



Original Color

106.8690, 26.1936, 92.1999



Protanomaly

111.0650, 41.8730, 9.5900



Deuteranomaly

115.2360, 19.1107, 30.4880



Tritanomaly

110.7840, -1.8655, 85.2584

Monochromacy



Original Color

106.8690, 26.1936, 92.1999



Achromatopsia

107.0000, 0.0000, 0.0000



Achromatomaly

107.0270, 9.3537, 33.3023

CSS Examples

Text

The CSS property to change the color of the text to YUV 106.8690, 26.1936, 92.1999 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, 43, 160)` looks like.

```
.text, #text, p{  
    color:rgb(212, 43, 160)  
}
```

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, 43, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 43, 160) }
```

Border

The CSS property to change the border of an element to YUV 106.8690, 26.1936, 92.1999 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, 43, 160) }
```


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

```
.border{ border-color:rgb(212, 43, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 43, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 43, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 43, 160);  
box-shadow:4px 4px 4px 4px rgb(212, 43,  
160) }
```

Background

The CSS property to change the background color of an element to YUV 106.8690, 26.1936, 92.1999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 43, 160) }
```

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

```
.background{ background-color: rgb(212, 43,  
160) }
```

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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