

# Converting Colors

YUV(93.2600, 46.7068, 92.7340)

Have a look what the booklet for  
YUV(93.2600, 46.7068, 92.7340)  
contains.

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# Color

**YUV(93.2600, 46.7068,  
92.7340)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C715BC
RGB	199, 21, 188
RGB Percent	78%, 8%, 74%
CMY	0.2196, 0.9176, 0.2627
CMYK	0.00, 0.89, 0.06, 0.22
HSL	304°, 81%, 43%
HSV	304°, 89%, 78%
XYZ	32.8985, 16.3093, 48.9910
YIQ	93.2600, 52.4810, 89.6730

# Conversions

## Conversions Part 2

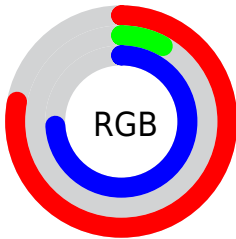
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	199, 21, 188
Decimal	13047228
CIE <sub>Lab</sub>	47.38, 77.88, -43.98
CIE <sub>LCh</sub>	47, 89.443, 330.544
Yxy	16.3093, 0.3350, 0.1661
Android (android.graphics.Color)	4291237308 (0xFFC715BC)
YUV	93.2600, 46.7068, 92.7340
Hunter-Lab	40.3848, 74.7373, -43.6558

# Details

The YUV color **93.2600, 46.7068, 92.7340** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle washed rose. A complement of this color would be **126.7400, -46.7068, -92.7340**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.5270, 41.6452, 82.8528**, and **57.1360, 37.8940, 72.6717** is the 20% darker color. If you saturate the color by 10%, you get **81.4060, 52.0578, 103.1299**, and if you desaturate by 10%, it is **105.1140, 41.3558, 82.3380**.

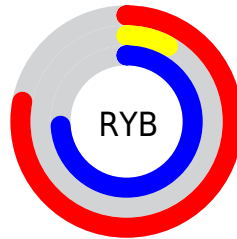
# Distribution



Red (78%)

Green (8%)

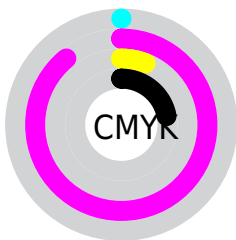
Blue (74%)



Red (78%)

Yellow (8%)

Blue (74%)

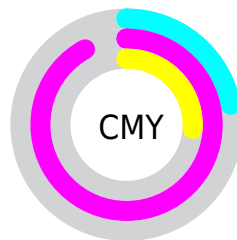


Cyan (0%)

Magenta (89%)

Yellow (6%)

Black (22%)



Cyan (22%)

Magenta (92%)


Yellow (26%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 93.2600, 46.7068, 92.7340 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 93.2600, 46.7068, 92.7340 by changing the saturation by 10% instead.





 93.2600, 46.7068,  
92.7340

 93.2600, 46.7068,  
92.7340

255.0000, 0.0000,  
0.0000

 68.8850, 45.4127,  
87.8009


 160.5270, 41.6452,  
82.8528


 57.1360, 37.8940,  
72.6717


 179.8640, 37.0420,  
65.8943


 45.8000, 30.6646,  
58.0574


 196.8870, 28.6497,  
50.9651

 34.2790, 24.0195,  
42.7283

 214.4970, 19.9680,  
35.5211

 23.7690, 17.3689,  
29.1436

 231.5200, 11.5756,  
20.5920

 11.9920, 12.3289,  
12.2850

 249.7170, 2.6045,

 1.3680, 5.2416,

4.6332

-1.1997

■ 0.0000, 0.0000,  
0.0000

■ 93.2600, 46.7068,  
92.7340

■ 93.2600, 46.7068,  
92.7340

■ 81.4060, 52.0578,  
103.1299

■ 105.1140, 41.3558,  
82.3380

■ 80.8190, 52.3472,  
103.6447

■ 116.9680, 36.0048,  
71.9421

■ 128.9360, 31.0906,  
61.4461

■ 140.7900, 25.7395,  
51.0502

■ 152.6440, 20.3885,  
40.6542

■ 163.9110, 15.3269,  
30.7731

■ 175.8790, 10.4127,  
20.2771

■ 187.7330, 5.0616,  
9.8812

■ 199.5870, -0.2894,  
-0.5148

# Harmonies

## Analogous

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



108.8550, 67.1195, -14.7818



93.2600, 46.7068, 92.7340



83.6740, 15.4437, 133.5899

# Triad

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



93.2600, 46.7068, 92.7340



105.2340, -51.8804, 26.9818



104.7860, 41.0245, -91.8973

# Complementary

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



93.2600, 46.7068, 92.7340



126.7400, -46.7068, -92.7340

# 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.



95.5350, 8.1172, -83.7842



93.2600, 46.7068, 92.7340



92.1680, -45.4388, -32.5963

# Square

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



93.2600, 46.7068, 92.7340



101.7320, -50.1539, 80.0420



83.8560, -29.0160, -73.5417



108.9360, 67.0796, -95.5369



# Rectangle

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



93.2600, 46.7068, 92.7340



78.0880, -5.9594, 138.4888



83.8560, -29.0160, -73.5417



102.0500, 30.5414, -89.4978

# Sweetspot

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



93.2600, 46.7068, 92.7340



214.0410, 18.2208, 35.9210



43.9830, 76.4234, -12.2631



103.5910, 10.5546, 21.4067



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.



93.2600, 46.7068, 92.7340



103.4910, 66.8059, 132.8734



83.3420, 8.7054, 101.4321



93.7170, 2.6045, 4.6332



66.1790, 42.8028, 84.9120



14.5260, 9.1077, 18.8327



# Inverse Universe

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



93.2600, 46.7068, 92.7340



103.4910, 66.8059, 132.8734



136.6580, -8.7054, -101.4321



93.7170, 2.6045, 4.6332



66.1790, 42.8028, 84.9120



14.5260, 9.1077, 18.8327



# Previews

## White Background



This preview shows how the YUV color 93.2600, 46.7068, 92.7340 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 93.2600, 46.7068, 92.7340 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

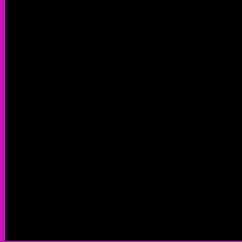
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 93.2600, 46.7068, 92.7340

## Background



This preview shows how black text looks on a background with the YUV color 93.2600, 46.7068, 92.7340.



This preview shows how white text looks on a background with the YUV color 93.2600, 46.7068,



# 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

93.2600, 46.7068, 92.7340

### Protanopia

91.0180, 69.5041, -79.8228

### Deuteranopia

110.4290, 32.8195, -26.6862



## Tritanopia

109.9440, -14.7624, 68.4551

# Trichromacy



## Original Color

93.2600, 46.7068, 92.7340



## Protanomaly

91.9380, 61.1626, -17.4856



## Deuteranomaly

104.3710, 37.7781, 16.3376



## Tritanomaly

103.8460, 7.4709, 77.3111

# Monochromacy



## Original Color

93.2600, 46.7068, 92.7340



## Achromatopsia

93.0000, 0.0000, 0.0000



## Achromatomaly

93.3890, 17.0632, 33.8618

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 93.2600, 46.7068, 92.7340 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(199, 21, 188)` looks like.

```
.text, #text, p{  
    color:rgb(199, 21, 188)  
}
```

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(199, 21, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 21, 188) }
```

## Border

The CSS property to change the border of an element to YUV 93.2600, 46.7068, 92.7340 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(199, 21, 188) }
```



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

```
.border{ border-color:rgb(199, 21, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 21, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 21, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 21, 188);  
box-shadow:4px 4px 4px 4px rgb(199, 21,  
188) }
```

# Background

The CSS property to change the background color of an element to YUV 93.2600, 46.7068, 92.7340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 21, 188) }
```

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

```
.background{ background-color: rgb(199, 21,  
188) }
```

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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