

# Converting Colors

YUV(89.1700, 2.8742, 105.0909)

Have a look what the booklet for  
YUV(89.1700, 2.8742, 105.0909)  
contains.

<b>YUV(89.1700, 2.8742, 105.0909)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(89.1700, 2.8742,  
105.0909)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D11B5F
RGB	209, 27, 95
RGB Percent	82%, 11%, 37%
CMY	0.1804, 0.8941, 0.6275
CMYK	0.00, 0.87, 0.55, 0.18
HSL	338°, 77%, 46%
HSV	338°, 87%, 82%
XYZ	28.7520, 15.1654, 12.2383
YIQ	89.1700, 86.6440, 59.7320

# Conversions

## Conversions Part 2

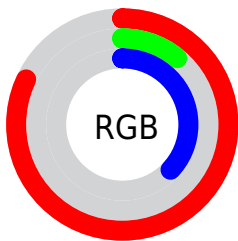
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	209, 27, 95
Decimal	13704031
CIE <sub>Lab</sub>	45.86, 69.01, 10.14
CIE <sub>LCh</sub>	46, 69.747, 8.355
Yxy	15.1654, 0.5120, 0.2701
Android (android.graphics.Color)	4291894111 (0xFFD11B5F)
YUV	89.1700, 2.8742, 105.0909
Hunter-Lab	38.9428, 63.6391, 8.6273

# Details

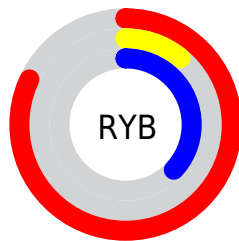
The YUV color **89.1700, 2.8742, 105.0909** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark washed red. A complement of this color would be **146.8300, -2.8742, -105.0909**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.7140, -2.3240, 92.3358**, and **49.9520, 0.0237, 85.9881** is the 20% darker color. If you saturate the color by 10%, you get **75.3610, 3.2730, 117.2014**, and if you desaturate by 10%, it is **102.9790, 2.4754, 92.9804**.

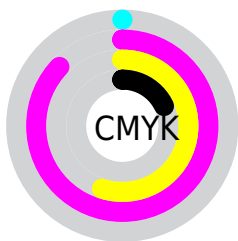
# Distribution



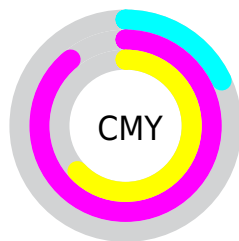
- Red (82%)
- Green (11%)
- Blue (37%)



- Red (82%)
- Yellow (11%)
- Blue (37%)



- Cyan (0%)
- Magenta (87%)
- Yellow (55%)
- Black (18%)




- Cyan (18%)
- Magenta (89%)
- Yellow (63%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 89.1700, 2.8742, 105.0909 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 89.1700, 2.8742, 105.0909 by changing the saturation by 10% instead.




 89.1700, 2.8742,  
105.0909


 89.1700, 2.8742,  
105.0909


255.0000, 0.0000,  
0.0000


 61.4300, 5.2110,  
102.2319


 149.7140, -2.3240,  
92.3358

 49.9520, 0.0237,  
85.9881


 169.8150, 1.0772,  
74.7072


 38.2890, -4.5795,  
69.0295


 189.9160, 4.4784,  
57.0787

 26.5400, -12.0982,  
53.9004

 210.7180, 8.0270,  
38.8353

 17.5700, -7.6760,  
35.4571

 230.9330, 11.8650,  
21.1068

 5.6810, -2.8007,  
11.6808

 248.5430, 3.1833,

 0.0000, 0.0000,

5.6628

0.0000

■ 89.1700, 2.8742,  
105.0909

■ 89.1700, 2.8742,  
105.0909

■ 75.3610, 3.2730,  
117.2014

■ 102.9790, 2.4754,  
92.9804

■ 71.3830, 3.2622,  
120.6901

■ 116.7880, 2.0765,  
80.8699

■ 130.5970, 1.6777,  
68.7594

■ 144.4060, 1.2788,  
56.6489

■ 158.2150, 0.8800,  
44.5384

■ 171.5510, 1.2074,  
32.8428

■ 185.3600, 0.8085,  
20.7323

■ 199.1690, 0.4097,  
8.6218

■ 212.9780, 0.0108,  
-3.4887

# Harmonies

## Analogous

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



102.1290, 25.0794, 76.1859



89.1700, 2.8742, 105.0909



96.9930, -29.0835, 88.5831

# Triad

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



89.1700, 2.8742, 105.0909



87.7380, -43.2548, -33.0962



98.8140, 58.7587, -86.6599

# Complementary

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



89.1700, 2.8742, 105.0909



146.8300, -2.8742, -105.0909

# 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.



98.5910, 40.1346, -86.4643



89.1700, 2.8742, 105.0909



83.9650, -10.8287, -73.6373

# Square

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



89.1700, 2.8742, 105.0909



100.1400, -49.3690, 14.7862



92.7940, 15.3846, -81.3803



90.9210, 66.5939, -79.7377



# Rectangle

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



89.1700, 2.8742, 105.0909



100.1820, -49.3897, 68.2464



92.7940, 15.3846, -81.3803



99.4350, 53.5225, -87.2045

# Sweetspot

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



89.1700, 2.8742, 105.0909



211.4700, 0.7543, 38.1758



81.2360, 62.9877, 50.6590



101.6700, 0.6557, 23.0914



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.



89.1700, 2.8742, 105.0909



87.0750, 3.9070, 147.2702



93.7450, -32.9053, 101.0786



97.7450, 0.1257, 6.3626



57.4140, 2.7539, 96.9839



13.9690, 0.5083, 23.7062



# Inverse Universe

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



89.1700, 2.8742, 105.0909



87.0750, 3.9070, 147.2702



142.2550, 32.9053, -101.0786



97.7450, 0.1257, 6.3626



57.4140, 2.7539, 96.9839



13.9690, 0.5083, 23.7062



# Previews

## White Background



This preview shows how the YUV color 89.1700, 2.8742, 105.0909 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 89.1700, 2.8742, 105.0909 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

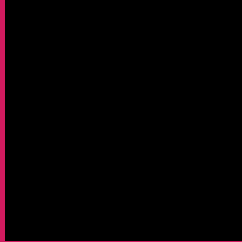
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 89.1700, 2.8742, 105.0909

## Background



This preview shows how black text looks on a background with the YUV color 89.1700, 2.8742, 105.0909.



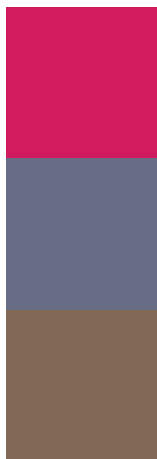
This preview shows how white text looks on a background with the YUV color 89.1700, 2.8742,



# 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

89.1700, 2.8742, 105.0909

### Protanopia

110.3550, 11.6570, -5.5733

### Deuteranopia

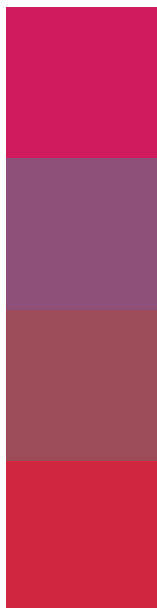
109.8250, -11.2527, 15.9395



## Tritanopia

92.8510, -23.5905, 100.1087

# Trichromacy



## Original Color

89.1700, 2.8742, 105.0909

## Protanomaly

102.5110, 8.6221, 34.6319

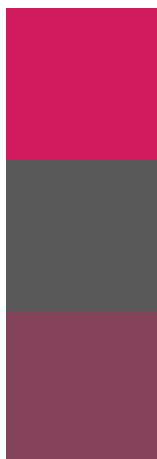
## Deuteranomaly

102.4020, -6.1142, 47.8824

## Tritanomaly

91.6800, -14.1392, 102.0126

# Monochromacy



## Original Color

89.1700, 2.8742, 105.0909

## Achromatopsia

89.0000, 0.0000, 0.0000

## Achromatomaly

88.8830, 1.0437, 38.6906

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 89.1700, 2.8742, 105.0909 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(209, 27, 95)` looks like.

```
.text, #text, p{  
    color:rgb(209, 27, 95)  
}
```

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(209, 27, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 27, 95) }
```

## Border

The CSS property to change the border of an element to YUV 89.1700, 2.8742, 105.0909 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(209, 27, 95) }
```



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

```
.border{ border-color:rgb(209, 27, 95) }
```

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

Here you see how a box with a 4 pixel rgb(209, 27, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 27, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 27, 95);  
box-shadow:4px 4px 4px 4px rgb(209, 27,  
95) }
```

# Background

The CSS property to change the background color of an element to YUV 89.1700, 2.8742, 105.0909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 27, 95) }
```

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

```
.background{ background-color: rgb(209, 27,  
95) }
```

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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