

# Converting Colors

YUV(113.9150, 36.5239,  
92.1595)

Have a look what the booklet for  
YUV(113.9150, 36.5239, 92.1595)  
contains.

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# Color

**YUV(113.9150, 36.5239,  
92.1595)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DB2EBC
RGB	219, 46, 188
RGB Percent	86%, 18%, 74%
CMY	0.1412, 0.8196, 0.2627
CMYK	0.00, 0.79, 0.14, 0.14
HSL	311°, 71%, 52%
HSV	311°, 79%, 86%
XYZ	39.2675, 20.6449, 49.4922
YIQ	113.9150, 57.5260, 80.8380

# Conversions

## Conversions Part 2

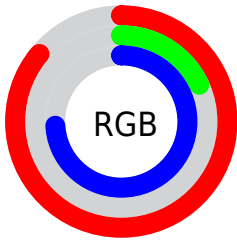
Format	Color
<a href="#">RYB</a>	<a href="#">219, 46, 188</a>
Decimal	<a href="#">14364348</a>
CIELab	<a href="#">52.56, 76.88, -35.57</a>
CIElCh	<a href="#">53, 84.712, 335.171</a>
Yxy	<a href="#">20.6449, 0.3589, 0.1887</a>
Android (android.graphics.Color)	<a href="#">4292554428 (0xFFDB2EBC)</a>
YUV	<a href="#">113.9150, 36.5239, 92.1595</a>
Hunter-Lab	<a href="#">45.4367, 74.7501, -32.7764</a>

# Details

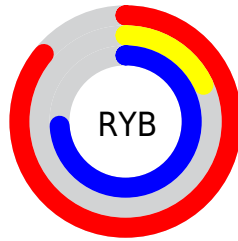
The YUV color **113.9150, 36.5239, 92.1595** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **151.0850, -36.5239, -92.1595**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.9190, 37.0149, 74.6160**, and **63.1160, 34.9458, 84.9673** is the 20% darker color. If you saturate the color by 10%, you get **100.5450, 41.1433, 103.8850**, and if you desaturate by 10%, it is **127.2850, 31.9045, 80.4341**.

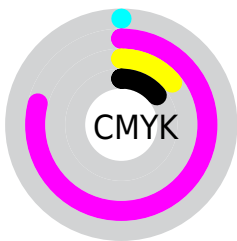
# Distribution



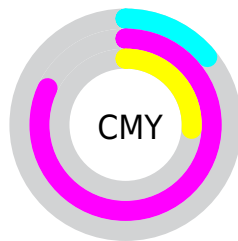
- Red (86%)
- Green (18%)
- Blue (74%)



- Red (86%)
- Yellow (18%)
- Blue (74%)



- Cyan (0%)
- Magenta (79%)
- Yellow (14%)
- Black (14%)




- Cyan (14%)
- Magenta (82%)
- Yellow (26%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 113.9150, 36.5239, 92.1595 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 113.9150, 36.5239, 92.1595 by changing the saturation by 10% instead.





 113.9150, 36.5239,  
92.1595


 113.9150, 36.5239,  
92.1595


255.0000, 0.0000,  
0.0000


 74.8650, 42.4646,  
100.0964


 169.9190, 37.0149,  
74.6160


 63.1160, 34.9458,  
84.9673


 188.6690, 32.7012,  
58.1723


 51.5950, 28.3007,  
69.6382

 205.6920, 24.3088,  
43.2431

 40.0740, 21.6555,  
54.3091

 223.3020, 15.6271,  
27.7991

 29.2650, 15.1524,  
40.1096

 240.9120, 6.9454,  
12.3552

 18.0860, 9.8176,  
24.4806

 1.4820, 5.6784,

-1.2997

■ 0.0000, 0.0000,  
0.0000

■ 113.9150, 36.5239,  
92.1595

■ 113.9150, 36.5239,  
92.1595

■ 100.5450, 41.1433,  
103.8850

■ 127.2850, 31.9045,  
80.4341

■ 87.1750, 45.7627,  
115.6105

■ 140.6550, 27.2851,  
68.7086

■ 86.0010, 46.3415,  
116.6401

■ 154.0250, 22.6657,  
56.9831

■ 167.3950, 18.0463,  
45.2576

■ 180.7650, 13.4269,  
33.5321

■ 193.5480, 9.0968,  
22.3214

■ 206.8040, 4.0406,  
10.6959

■ 220.1740, -0.5788,  
-1.0296

■ 233.5440, -5.1982,  
-12.7551

# Harmonies

## Analogous

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



126.5220, 58.9027, 7.4352



113.9150, 36.5239, 92.1595



87.3760, 14.1116, 140.8672

# Triad

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



113.9150, 36.5239, 92.1595



116.7080, -57.5370, 21.3041



114.6970, 45.9984, -100.5893

# Complementary

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



113.9150, 36.5239, 92.1595



151.0850, -36.5239, -92.1595

# 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.



106.6030, 14.9857, -93.4908



113.9150, 36.5239, 92.1595



102.4680, -50.5167, -37.2444

# Square

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



113.9150, 36.5239, 92.1595



116.4400, -57.4049, 72.4051



95.9500, -18.2163, -84.1481



116.5330, 68.2642, -102.1994



# Rectangle

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



113.9150, 36.5239, 92.1595



96.3830, -13.4998, 130.3371



95.9500, -18.2163, -84.1481



112.7760, 36.0994, -98.9046

# Sweetspot

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



113.9150, 36.5239, 92.1595



217.9390, 12.8481, 32.5025



74.3930, 71.2913, 0.5323



105.4830, 7.6499, 19.7474



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.



113.9150, 36.5239, 92.1595



108.0440, 51.2503, 128.8804



104.3390, -0.1671, 100.5577



103.3150, 2.3097, 5.8627



67.9150, 36.5239, 92.1595



18.0860, 9.8176, 24.4806



# Inverse Universe

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



113.9150, 36.5239, 92.1595



108.0440, 51.2503, 128.8804



160.6610, 0.1671, -100.5577



103.3150, 2.3097, 5.8627



67.9150, 36.5239, 92.1595



18.0860, 9.8176, 24.4806



# Previews

## White Background



This preview shows how the YUV color 113.9150, 36.5239, 92.1595 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

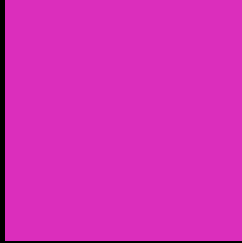
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 113.9150, 36.5239, 92.1595 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

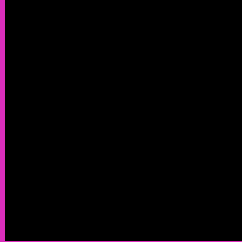
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 113.9150, 36.5239, 92.1595

## Background



This preview shows how black text looks on a background with the YUV color 113.9150, 36.5239, 92.1595.



This preview shows how white text looks on a background with the YUV color 113.9150, 36.5239,



# 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

113.9150, 36.5239, 92.1595

### Protanopia

112.0030, 69.0185, -64.0236

### Deuteranopia

125.8450, 25.2194, -15.6501



## Tritanopia

121.6570, -16.0999, 77.4768

# Trichromacy



## Original Color

113.9150, 36.5239, 92.1595



## Protanomaly

112.3800, 57.4937, -7.3493



## Deuteranomaly

121.2380, 29.4627, 23.4703



## Tritanomaly

119.0270, 2.9447, 82.4143

# Monochromacy



## Original Color

113.9150, 36.5239, 92.1595



## Achromatopsia

114.0000, 0.0000, 0.0000



## Achromatomaly

113.7650, 13.4269, 33.5321

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 113.9150, 36.5239, 92.1595 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(219, 46, 188)` looks like.

```
.text, #text, p{  
    color:rgb(219, 46, 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(219, 46, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 46, 188) }
```

## Border

The CSS property to change the border of an element to YUV 113.9150, 36.5239, 92.1595 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(219, 46, 188) }
```



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

```
.border{ border-color:rgb(219, 46, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 46, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 46, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 46, 188);  
box-shadow:4px 4px 4px 4px rgb(219, 46,  
188) }
```

# Background

The CSS property to change the background color of an element to YUV 113.9150, 36.5239, 92.1595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 46, 188) }
```

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

```
.background{ background-color: rgb(219, 46,  
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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