

# Converting Colors

YUV(105.0060, 21.6890,  
90.3257)

Have a look what the booklet for  
YUV(105.0060, 21.6890, 90.3257)  
contains.

<b>YUV(105.0060, 21.6890, 90.3257)</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(105.0060, 21.6890,  
90.3257)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D02C95
RGB	208, 44, 149
RGB Percent	82%, 17%, 58%
CMY	0.1843, 0.8275, 0.4157
CMYK	0.00, 0.79, 0.28, 0.18
HSL	322°, 65%, 49%
HSV	322°, 79%, 82%
XYZ	32.3379, 17.3812, 30.0843
YIQ	105.0060, 64.0390, 67.4230

# Conversions

## Conversions Part 2

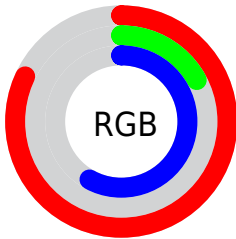
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	208, 44, 149
Decimal	13642901
CIE <sub>Lab</sub>	48.74, 70.02, -18.65
CIE <sub>LCh</sub>	49, 72.459, 345.086
Yxy	17.3812, 0.4052, 0.2178
Android (android.graphics.Color)	4291832981 (0xFFD02C95)
YUV	105.0060, 21.6890, 90.3257
Hunter-Lab	41.6908, 65.4968, -13.6005

# Details

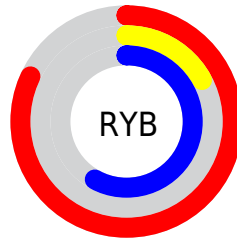
The YUV color **105.0060, 21.6890, 90.3257** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle washed rose. A complement of this color would be **146.9940, -21.6890, -90.3257**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.7830, 19.8270, 80.8743**, and **55.7230, 20.8426, 81.8039** is the 20% darker color. If you saturate the color by 10%, you get **91.8810, 24.7087, 101.8364**, and if you desaturate by 10%, it is **118.1310, 18.6694, 78.8151**.

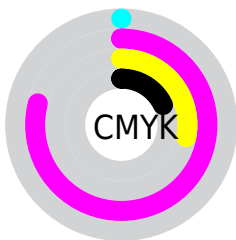
# Distribution



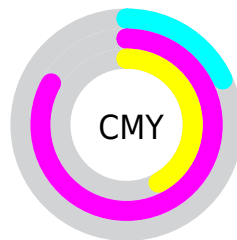
- Red (82%)
- Green (17%)
- Blue (58%)



- Red (82%)
- Yellow (17%)
- Blue (58%)



- Cyan (0%)
- Magenta (79%)
- Yellow (28%)
- Black (18%)




- Cyan (18%)
- Magenta (83%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 105.0060, 21.6890, 90.3257 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 105.0060, 21.6890, 90.3257 by changing the saturation by 10% instead.





 105.0060, 21.6890,  
90.3257


 105.0060, 21.6890,  
90.3257


255.0000, 0.0000,  
0.0000


 67.2440, 27.4877,  
97.1330

 162.7830, 19.8270,  
80.8743


 55.7230, 20.8426,  
81.8039

 182.9980, 23.6650,  
63.1458

 44.3160, 14.6342,  
66.3749


 202.7570, 25.7558,  
45.8171

 33.0230, 8.8627,  
50.8458

 219.7800, 17.3635,  
30.8879

 22.8550, 3.5225,  
36.9612

 237.3900, 8.6817,  
15.4440

 10.5790, -4.7224,  
21.4172

 0.0000, 0.0000,

0.0000

■ 105.0060, 21.6890,  
90.3257

■ 105.0060, 21.6890,  
90.3257

■ 91.8810, 24.7087,  
101.8364

■ 118.1310, 18.6694,  
78.8151

■ 78.6420, 27.2915,  
113.4470

■ 131.3700, 16.0866,  
67.2045

■ 77.3540, 27.4335,  
114.5765

■ 143.9080, 13.3564,  
56.2087

■ 157.1470, 10.7735,  
44.5981

■ 170.2720, 7.7539,  
33.0875

■ 183.5110, 5.1711,  
21.4769

■ 196.6360, 2.1515,  
9.9662

■ 209.2880, -0.1420,  
-1.1296

■ 222.4130, -3.1616,  
-12.6402

# Harmonies

## Analogous

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



117.6210, 42.0918, 32.7814



105.0060, 21.6890, 90.3257



97.2430, -4.5568, 108.5349

# Triad

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



105.0060, 21.6890, 90.3257



105.6890, -52.1047, 5.5347



105.2080, 47.7185, -92.2674

# Complementary

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



105.0060, 21.6890, 90.3257



146.9940, -21.6890, -90.3257

# 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.



99.9980, 22.6790, -87.6982



105.0060, 21.6890, 90.3257



85.9910, -40.4216, -55.2431

# Square

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



105.0060, 21.6890, 90.3257



109.2090, -53.8400, 48.9287



91.5280, -4.6973, -80.2701



104.2740, 64.4479, -91.4483



# Rectangle

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



105.0060, 21.6890, 90.3257



103.3190, -26.7793, 96.1902



91.5280, -4.6973, -80.2701



103.8570, 40.0035, -91.0826

# Sweetspot

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



105.0060, 21.6890, 90.3257



216.6850, 8.0433, 33.6023



79.7390, 63.2327, 18.6459



104.6850, 4.5923, 20.4473



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.



105.0060, 21.6890, 90.3257



103.0280, 32.0312, 133.2794



95.8860, -13.2548, 98.3240



98.0870, 1.4361, 6.0627



62.5440, 22.4098, 92.4849



15.2230, 5.3131, 22.6064



# Inverse Universe

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



105.0060, 21.6890, 90.3257



103.0280, 32.0312, 133.2794



156.1140, 13.2548, -98.3240



98.0870, 1.4361, 6.0627



62.5440, 22.4098, 92.4849



15.2230, 5.3131, 22.6064



# Previews

## White Background



This preview shows how the YUV color 105.0060, 21.6890, 90.3257 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

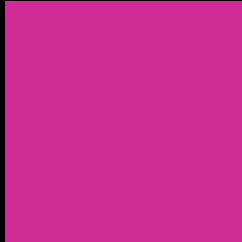
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 105.0060, 21.6890, 90.3257 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

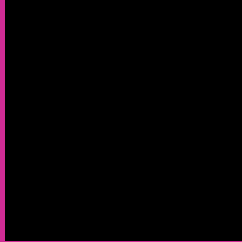
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 105.0060, 21.6890, 90.3257

## Background



This preview shows how black text looks on a background with the YUV color 105.0060, 21.6890, 90.3257.



This preview shows how white text looks on a background with the YUV color 105.0060, 21.6890, 90.3257.



# 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

105.0060, 21.6890, 90.3257

### Protanopia

113.3390, 42.7239, -30.1153

### Deuteranopia

117.5620, 11.0619, -1.3699



## Tritanopia

109.8100, -18.1473, 80.8506

# Trichromacy



## Original Color

105.0060, 21.6890, 90.3257



## Protanomaly

110.5510, 34.7314, 13.5488



## Deuteranomaly

113.0960, 14.7427, 31.4878



## Tritanomaly

108.3170, -3.6073, 83.9140

# Monochromacy



## Original Color

105.0060, 21.6890, 90.3257



## Achromatopsia

105.0000, 0.0000, 0.0000



## Achromatomaly

104.9730, 7.9013, 32.4727

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 105.0060, 21.6890, 90.3257 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(208, 44, 149)` looks like.

```
.text, #text, p{  
    color:rgb(208, 44, 149)  
}
```

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(208, 44, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 44, 149) }
```

## Border

The CSS property to change the border of an element to YUV 105.0060, 21.6890, 90.3257 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(208, 44, 149) }
```



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

```
.border{ border-color:rgb(208, 44, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 44, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 44, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 44, 149);  
box-shadow:4px 4px 4px 4px rgb(208, 44,  
149) }
```

# Background

The CSS property to change the background color of an element to YUV 105.0060, 21.6890, 90.3257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 44, 149) }
```

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

```
.background{ background-color: rgb(208, 44,  
149) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor