

# Converting Colors

YUV(105.6190, 32.2328,  
115.2211)

Have a look what the booklet for  
YUV(105.6190, 32.2328, 115.2211)  
contains.

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# Color

**YUV(105.6190, 32.2328,  
115.2211)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	ED1AAB
RGB	237, 26, 171
RGB Percent	93%, 10%, 67%
CMY	0.0706, 0.8980, 0.3294
CMYK	0.00, 0.89, 0.28, 0.07
HSL	319°, 85%, 52%
HSV	319°, 89%, 93%
XYZ	42.6451, 21.6836, 40.4658
YIQ	105.6190, 79.2110, 89.8270

# Conversions

## Conversions Part 2

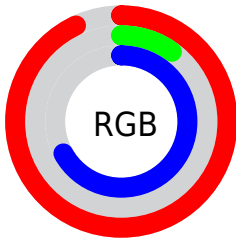
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	237, 26, 171
Decimal	15538859
CIE <sub>Lab</sub>	53.69, 82.39, -23.64
CIE <sub>LCh</sub>	54, 85.716, 343.991
Yxy	21.6836, 0.4069, 0.2069
Android (android.graphics.Color)	4293728939 (0xFFED1AAB)
YUV	105.6190, 32.2328, 115.2211
Hunter-Lab	46.5656, 81.9817, -18.9274

# Details

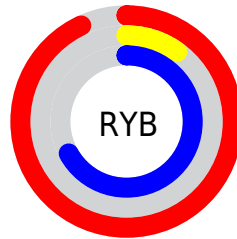
The YUV color **105.6190, 32.2328, 115.2211** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **157.3810, -32.2328, -115.2211**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.1710, 31.4677, 80.5340**, and **66.1900, 26.0353, 96.3034** is the 20% darker color. If you saturate the color by 10%, you get **90.7330, 36.1206, 128.2762**, and if you desaturate by 10%, it is **120.5050, 28.3450, 102.1661**.

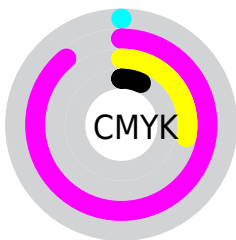
# Distribution



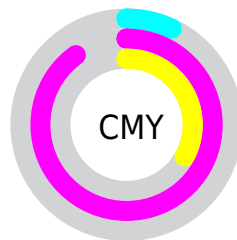
- Red (93%)
- Green (10%)
- Blue (67%)



- Red (93%)
- Yellow (10%)
- Blue (67%)



- Cyan (0%)
- Magenta (89%)
- Yellow (28%)
- Black (7%)




- Cyan (7%)
- Magenta (90%)
- Yellow (33%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 105.6190, 32.2328, 115.2211 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 105.6190, 32.2328, 115.2211 by changing the saturation by 10% instead.





 105.6190, 32.2328,  
115.2211


 105.6190, 32.2328,  
115.2211


255.0000, 0.0000,  
0.0000


 78.0100, 32.5331,  
112.2472


 163.1710, 31.4677,  
80.5340


 66.1900, 26.0353,  
96.3034


 184.5600, 34.7269,  
61.7759

 54.3700, 19.5376,  
80.3595

 202.7570, 25.7558,  
45.8171

 42.6640, 13.4766,  
64.3157

 220.3670, 17.0741,  
30.3731

 31.3710, 7.7051,  
48.7866

 237.9770, 8.3923,  
14.9292

 20.3060, 2.8071,  
33.0576

 7.5890, -3.2484,

15.2694

■ 0.0000, 0.0000,  
0.0000

■ 105.6190, 32.2328,  
115.2211

■ 105.6190, 32.2328,  
115.2211

■ 90.7330, 36.1206,  
128.2762

■ 120.5050, 28.3450,  
102.1661

■ 89.4450, 36.2626,  
129.4057

■ 134.9180, 25.1834,  
89.5259

■ 149.8040, 21.2956,  
76.4709

■ 164.8040, 17.8446,  
63.3159

■ 179.6900, 13.9568,  
50.2609

■ 193.9890, 10.3584,  
37.7206

■ 208.9890, 6.9074,  
24.5656

■ 223.8750, 3.0196,  
11.5106

■ 238.2880, -0.1420,  
-1.1296

# Harmonies

## Analogous

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



129.6890, 52.4113, 36.2297



105.6190, 32.2328, 115.2211



87.1180, 5.3648, 146.3555

# Triad

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



105.6190, 32.2328, 115.2211



116.9080, -57.6356, 6.2197



118.4930, 55.4660, -103.9184

# Complementary

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



105.6190, 32.2328, 115.2211



157.3810, -32.2328, -115.2211

# 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.



111.8010, 24.7481, -98.0495



105.6190, 32.2328, 115.2211



88.0500, -43.4087, -77.2198

# Square

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



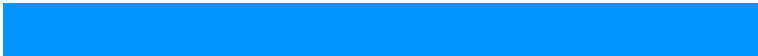
105.6190, 32.2328, 115.2211



120.7820, -59.5455, 58.9502



101.7350, -8.7434, -89.2216



115.9460, 68.5536, -101.6846



# Rectangle

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



105.6190, 32.2328, 115.2211



107.4190, -28.3076, 119.7815



101.7350, -8.7434, -89.2216



117.2730, 45.7144, -102.8484

# Sweetspot

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



105.6190, 32.2328, 115.2211



211.9890, 10.3584, 37.7206



68.8910, 82.8777, 17.6356



102.4510, 6.1867, 22.4065



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.



105.6190, 32.2328, 115.2211



96.1950, 38.8509, 139.2720



93.8770, -12.7574, 125.5189



110.2010, 1.8729, 5.9627



68.2550, 27.4823, 98.8774



20.3640, 8.2015, 29.4988



# Inverse Universe

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



105.6190, 32.2328, 115.2211



96.1950, 38.8509, 139.2720



169.1230, 12.7574, -125.5189



110.2010, 1.8729, 5.9627



68.2550, 27.4823, 98.8774



20.3640, 8.2015, 29.4988



# Previews

## White Background



This preview shows how the YUV color 105.6190, 32.2328, 115.2211 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

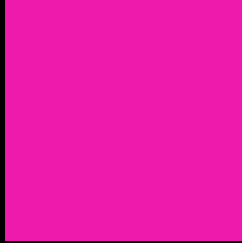
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 105.6190, 32.2328, 115.2211 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

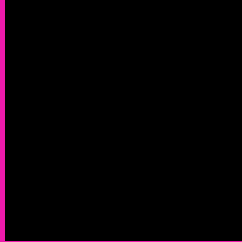
Any Text WCAG AA ✓ Pass

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 105.6190, 32.2328, 115.2211 Background**



This preview shows how black text looks on a background with the YUV color 105.6190, 32.2328, 115.2211.



This preview shows how white text looks on a background with the YUV color 105.6190, 32.2328, 115.2211.



# 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

105.6190, 32.2328, 115.2211

### Protanopia

121.6650, 58.3392, -45.3102

### Deuteranopia

129.8760, 14.8511, -3.3993



**Tritanopia**

118.8830, -22.1273, 97.4496

# Trichromacy



## Original Color

105.6190, 32.2328, 115.2211



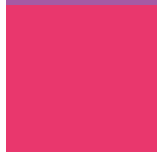
## Protanomaly

115.9220, 48.8455, 13.2234



## Deuteranomaly

121.1600, 21.1201, 39.3247



## Tritanomaly

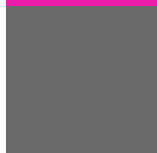
114.3780, -2.6514, 104.0315

# Monochromacy



## Original Color

105.6190, 32.2328, 115.2211



## Achromatopsia

106.0000, 0.0000, 0.0000



## Achromatomaly

106.0650, 11.8000, 42.0390

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 105.6190, 32.2328, 115.2211 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(237, 26, 171)` looks like.

```
.text, #text, p{  
    color:rgb(237, 26, 171)  
}
```

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(237, 26, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 26, 171) }
```

## Border

The CSS property to change the border of an element to YUV 105.6190, 32.2328, 115.2211 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(237, 26, 171) }
```



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

```
.border{ border-color:rgb(237, 26, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 26, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 26, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 26, 171); box-shadow:4px 4px 4px 4px rgb(237, 26, 171) }
```

# Background

The CSS property to change the background color of an element to YUV 105.6190, 32.2328, 115.2211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 26, 171) }
```

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

```
.background{ background-color: rgb(237, 26,  
171) }
```

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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