

# Converting Colors

YUV(100.9250, 31.5890,  
135.1238)

Have a look what the booklet for  
YUV(100.9250, 31.5890, 135.1238)  
contains.

<b>YUV(100.9250, 31.5890, 135.1238)</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(100.9250, 31.5890,  
135.1238)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF0AA5
RGB	255, 10, 165
RGB Percent	100%, 4%, 65%
CMY	0.0000, 0.9608, 0.3529
CMYK	0.00, 0.96, 0.35, 0.00
HSL	322°, 100%, 52%
HSV	322°, 96%, 100%
XYZ	48.1401, 24.1937, 37.7299
YIQ	100.9250, 96.2650, 100.1450

# Conversions

## Conversions Part 2

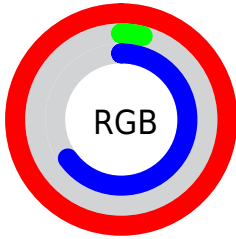
Format	Color
<a href="#">RYB</a>	<a href="#">255, 10, 165</a>
Decimal	<a href="#">16714405</a>
CIELab	<a href="#">56.28, 87.00, -15.85</a>
CIElCh	<a href="#">56, 88.435, 349.672</a>
Yxy	<a href="#">24.1937, 0.4374, 0.2198</a>
Android (android.graphics.Color)	<a href="#">4294904485 (0xFFFF0AA5)</a>
YUV	<a href="#">100.9250, 31.5890, 135.1238</a>
Hunter-Lab	<a href="#">49.1871, 88.6230, -11.0486</a>

# Details

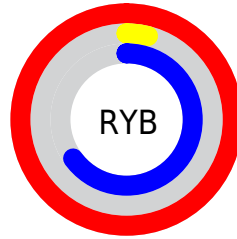
The YUV color **100.9250, 31.5890, 135.1238** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **164.0750, -31.5890, -135.1238**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.7860, 28.6995, 81.7487**, and **70.2900, 21.0560, 106.7397** is the 20% darker color. If you saturate the color by 10%, you get **94.5990, 32.7357, 140.6717**, and if you desaturate by 10%, it is **116.6260, 28.2854, 121.3540**.

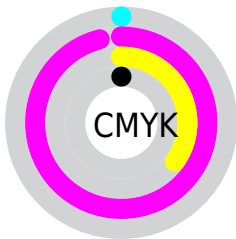
# Distribution



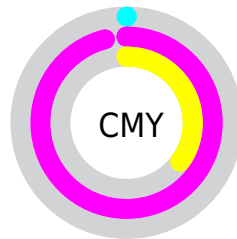
- Red (100%)
- Green (4%)
- Blue (65%)



- Red (100%)
- Yellow (4%)
- Blue (65%)



- Cyan (0%)
- Magenta (96%)
- Yellow (35%)
- Black (0%)



- Cyan (0%)
- Magenta (96%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 100.9250, 31.5890, 135.1238 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 100.9250, 31.5890, 135.1238 by changing the saturation by 10% instead.





 100.9250, 31.5890,  
135.1238


 100.9250, 31.5890,  
135.1238


255.0000, 0.0000,  
0.0000


 82.8220, 27.6958,  
123.8131

 161.7860, 28.6995,  
81.7487


 70.2900, 21.0560,  
106.7397


 183.8760, 32.1061,  
62.3757


 58.5840, 14.9951,  
90.6958


 202.7570, 25.7558,  
45.8171

 46.5790, 9.0816,  
74.0372

 220.9540, 16.7847,  
29.8583

 35.1010, 3.8942,  
57.7934

 239.1510, 7.8136,  
13.8996

 24.0360, -1.0037,  
42.0644

 12.3730, -5.6069,

25.1059

■ 0.0000, 0.0000,  
0.0000

■ 100.9250, 31.5890,  
135.1238

■ 100.9250, 31.5890,  
135.1238

■ 94.5990, 32.7357,  
140.6717

■ 116.6260, 28.2854,  
121.3540

■ 133.0280, 25.1292,  
106.9694

■ 149.3160, 21.5362,  
92.6849

■ 165.0170, 18.2326,  
78.9151

■ 181.4190, 15.0764,  
64.5305

■ 197.1200, 11.7728,  
50.7608

■ 213.5220, 8.6167,  
36.3762

■ 229.2230, 5.3131,  
22.6064

■ 245.5110, 1.7201,  
8.3219

# Harmonies

## Analogous

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



134.5280, 50.0257, 54.7879



100.9250, 31.5890, 135.1238



95.7830, -3.3440, 139.6333

# Triad

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



100.9250, 31.5890, 135.1238



120.3860, -59.3503, -3.8465



124.9960, 62.6130, -109.6215

# Complementary

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



100.9250, 31.5890, 135.1238



164.0750, -31.5890, -135.1238

# 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.



119.1190, 32.4793, -104.4674



100.9250, 31.5890, 135.1238



93.6750, -44.7028, -82.1530

# Square

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



100.9250, 31.5890, 135.1238



127.2280, -62.7234, 51.5430



108.8250, -1.8857, -95.4395



118.8810, 67.1067, -104.2586



# Rectangle

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



100.9250, 31.5890, 135.1238



117.2370, -39.0638, 116.4332



108.8250, -1.8857, -95.4395



124.0040, 53.7350, -108.7515

# Sweetspot

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



100.9250, 31.5890, 135.1238



208.4840, 9.6214, 40.7945



64.8400, 93.7489, 30.8353



99.6470, 5.5970, 24.8656



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.



100.9250, 31.5890, 135.1238



94.5990, 32.7357, 140.6717



87.0170, -21.7004, 147.3211



119.7990, 1.5781, 7.1923



70.9030, 24.6978, 105.3251



23.6960, 8.0379, 35.3466



# Inverse Universe

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



100.9250, 31.5890, 135.1238



94.5990, 32.7357, 140.6717



177.9830, 21.7004, -147.3211



119.7990, 1.5781, 7.1923



70.9030, 24.6978, 105.3251



23.6960, 8.0379, 35.3466



# Previews

## White Background



This preview shows how the YUV color 100.9250, 31.5890, 135.1238 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

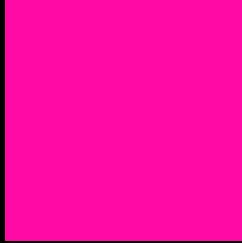
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 100.9250, 31.5890, 135.1238 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 100.9250, 31.5890, 135.1238 Background



This preview shows how black text looks on a background with the YUV color 100.9250, 31.5890, 135.1238.



This preview shows how white text looks on a background with the YUV color 100.9250, 31.5890,



# 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

100.9250, 31.5890, 135.1238

### Protanopia

131.8850, 51.3287, -36.7331

### Deuteranopia

137.1990, 8.2829, 3.3335



## Tritanopia

120.9450, -26.1019, 112.3042

# Trichromacy



## Original Color

100.9250, 31.5890, 135.1238



## Protanomaly

120.4460, 44.1501, 25.9189



## Deuteranomaly

124.0860, 16.7196, 50.7906



## Tritanomaly

113.7930, -5.3209, 120.3305

# Monochromacy



## Original Color

100.9250, 31.5890, 135.1238



## Achromatopsia

101.0000, 0.0000, 0.0000



## Achromatomaly

100.9950, 11.3415, 49.1164

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 100.9250, 31.5890, 135.1238 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(255, 10, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 10, 165)  
}
```

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(255, 10, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 10, 165) }
```

## Border

The CSS property to change the border of an element to YUV 100.9250, 31.5890, 135.1238 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(255, 10, 165) }
```



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

```
.border{ border-color:rgb(255, 10, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 10, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 10, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 10, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 10,  
165) }
```

# Background

The CSS property to change the background color of an element to YUV 100.9250, 31.5890, 135.1238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 10, 165) }
```

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

```
.background{ background-color: rgb(255, 10,  
165) }
```

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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