

# Converting Colors

YUV(104.9470, 28.1271,  
125.4575)

Have a look what the booklet for  
YUV(104.9470, 28.1271, 125.4575)  
contains.

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# Color

**YUV(104.9470, 28.1271,  
125.4575)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F815A2
RGB	248, 21, 162
RGB Percent	97%, 8%, 64%
CMY	0.0275, 0.9176, 0.3647
CMYK	0.00, 0.92, 0.35, 0.03
HSL	323°, 94%, 53%
HSV	323°, 92%, 97%
XYZ	45.5012, 23.1014, 36.2433
YIQ	104.9470, 90.0310, 91.9750

# Conversions

## Conversions Part 2

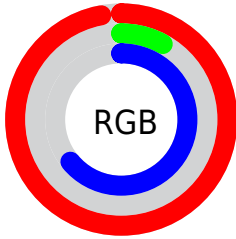
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	248, 21, 162
Decimal	16258466
CIE <sub>Lab</sub>	55.18, 84.34, -15.89
CIE <sub>LCh</sub>	55, 85.827, 349.331
Yxy	23.1014, 0.4340, 0.2203
Android (android.graphics.Color)	4294448546 (0xFFFF815A2)
YUV	104.9470, 28.1271, 125.4575
Hunter-Lab	48.0639, 84.8704, -11.0637

# Details

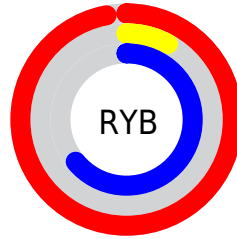
The YUV color **104.9470, 28.1271, 125.4575** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle washed rose. A complement of this color would be **164.0530, -28.1271, -125.4575**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.0310, 27.0997, 81.5338**, and **68.1540, 20.6301, 103.3509** is the 20% darker color. If you saturate the color by 10%, you get **91.7080, 30.7100, 137.0681**, and if you desaturate by 10%, it is **120.6480, 24.8235, 111.6877**.

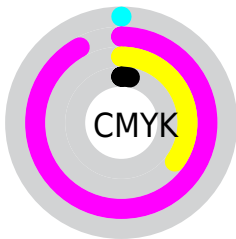
# Distribution



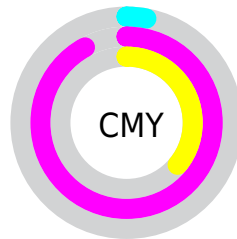
- Red (97%)
- Green (8%)
- Blue (64%)



- Red (97%)
- Yellow (8%)
- Blue (64%)



- Cyan (0%)
- Magenta (92%)
- Yellow (35%)
- Black (3%)




- Cyan (3%)
- Magenta (92%)
- Yellow (36%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 104.9470, 28.1271, 125.4575 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 104.9470, 28.1271, 125.4575 by changing the saturation by 10% instead.





 104.9470, 28.1271,  
125.4575


 104.9470, 28.1271,  
125.4575


255.0000, 0.0000,  
0.0000


 80.3870, 27.4172,  
119.8096

 162.0310, 27.0997,  
81.5338


 68.1540, 20.6301,  
103.3509

 184.0070, 30.0695,  
62.2609

 56.1490, 14.7165,  
86.6923

 202.7570, 25.7558,  
45.8171

 44.5570, 9.0924,  
70.5485

 220.9540, 16.7847,  
29.8583

 33.0790, 3.9051,  
54.3047

 238.5640, 8.1029,  
14.4144

 21.9000, -1.4297,  
38.6757

 10.2800, -4.5750,

20.8024

■ 0.0000, 0.0000,  
0.0000

■ 104.9470, 28.1271,  
125.4575

■ 104.9470, 28.1271,  
125.4575

■ 91.7080, 30.7100,  
137.0681

■ 120.6480, 24.8235,  
111.6877

■ 136.4630, 21.9567,  
97.8179

■ 151.5770, 18.9425,  
84.5630

■ 167.3920, 16.0757,  
70.6932

■ 183.0930, 12.7722,  
56.9234

■ 198.7940, 9.4686,  
43.1537

■ 214.6090, 6.6018,  
29.2839

■ 229.7230, 3.5876,  
16.0289

■ 245.5380, 0.7208,  
2.1592

# Harmonies

## Analogous

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



132.3490, 48.1419, 52.3139



104.9470, 28.1271, 125.4575



99.7780, -5.8066, 136.1297

# Triad

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



104.9470, 28.1271, 125.4575



118.3260, -58.3347, -2.9169



122.4370, 60.4236, -107.3772

# Complementary

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



104.9470, 28.1271, 125.4575



164.0530, -28.1271, -125.4575

# 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.



116.2010, 31.4529, -101.9083



104.9470, 28.1271, 125.4575



92.2560, -42.5242, -80.9085

# Square

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



104.9470, 28.1271, 125.4575



124.2710, -61.2656, 50.6283



106.7220, -2.3279, -93.5952



116.5330, 68.2642, -102.1994



# Rectangle

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



104.9470, 28.1271, 125.4575



115.6710, -37.3058, 112.5445



106.7220, -2.3279, -93.5952



120.8580, 51.8350, -105.9925

# Sweetspot

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



104.9470, 28.1271, 125.4575



211.5330, 8.6112, 38.1206



71.6950, 86.9184, 28.3315



102.1090, 4.8763, 22.7064



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.



104.9470, 28.1271, 125.4575



94.2570, 31.4253, 140.9716



92.2930, -20.3574, 136.5550



116.7990, 1.5781, 7.1923



69.8490, 23.2454, 104.4954



22.5710, 7.6065, 33.7022



# Inverse Universe

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



104.9470, 28.1271, 125.4575



94.2570, 31.4253, 140.9716



176.7070, 20.3574, -136.5550



116.7990, 1.5781, 7.1923



69.8490, 23.2454, 104.4954



22.5710, 7.6065, 33.7022



# Previews

## White Background



This preview shows how the YUV color 104.9470, 28.1271, 125.4575 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

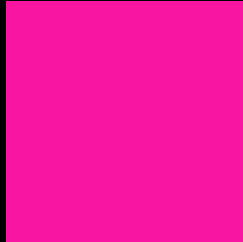
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 104.9470, 28.1271, 125.4575 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

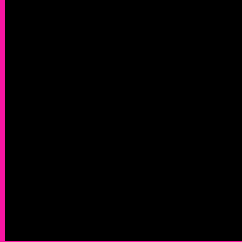
Any Text WCAG AA ✓ Pass

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 104.9470, 28.1271, 125.4575 Background



This preview shows how black text looks on a background with the YUV color 104.9470, 28.1271, 125.4575.



This preview shows how white text looks on a background with the YUV color 104.9470, 28.1271, 125.4575.



# 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

104.9470, 28.1271, 125.4575

### Protanopia

129.1410, 49.7235, -35.2037

### Deuteranopia

133.9000, 8.4303, 2.7187



## Tritanopia

118.9660, -24.6332, 107.9008

# Trichromacy



## Original Color

104.9470, 28.1271, 125.4575



## Protanomaly

120.1530, 41.8296, 23.5448



## Deuteranomaly

123.4230, 15.5675, 46.9870



## Tritanomaly

114.0480, -5.4467, 113.9679

# Monochromacy



## Original Color

104.9470, 28.1271, 125.4575



## Achromatopsia

105.0000, 0.0000, 0.0000



## Achromatomaly

104.7450, 10.4787, 45.8276

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 104.9470, 28.1271, 125.4575 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(248, 21, 162)` looks like.

```
.text, #text, p{  
    color:rgb(248, 21, 162)  
}
```

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(248, 21, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 21, 162) }
```

## Border

The CSS property to change the border of an element to YUV 104.9470, 28.1271, 125.4575 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(248, 21, 162) }
```



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

```
.border{ border-color:rgb(248, 21, 162) }
```

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

Here you see how a box with a 4 pixel rgb(248, 21, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 21, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 21, 162);  
box-shadow:4px 4px 4px 4px rgb(248, 21,  
162) }
```

# Background

The CSS property to change the background color of an element to YUV 104.9470, 28.1271, 125.4575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 21, 162) }
```

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

```
.background{ background-color: rgb(248, 21,  
162) }
```

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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