

# Converting Colors

YUV(108.2250, 23.0601,  
117.3207)

Have a look what the booklet for  
YUV(108.2250, 23.0601, 117.3207)  
contains.

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# Color

**YUV(108.2250, 23.0601,  
117.3207)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F21F9B
RGB	242, 31, 155
RGB Percent	95%, 12%, 61%
CMY	0.0510, 0.8784, 0.3922
CMYK	0.00, 0.87, 0.36, 0.05
HSL	325°, 89%, 54%
HSV	325°, 87%, 95%
XYZ	43.0243, 22.2238, 33.0323
YIQ	108.2250, 85.9520, 83.2960

# Conversions

## Conversions Part 2

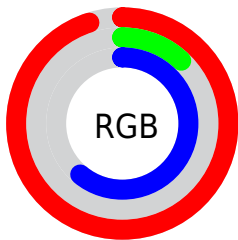
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	242, 31, 155
Decimal	15867803
CIE <sub>Lab</sub>	54.26, 81.05, -13.24
CIE <sub>LCh</sub>	54, 82.123, 350.720
Yxy	22.2238, 0.4378, 0.2261
Android (android.graphics.Color)	4294057883 (0xFFFF21F9B)
YUV	108.2250, 23.0601, 117.3207
Hunter-Lab	47.1421, 80.4097, -8.5449

# Details

The YUV color **108.2250, 23.0601, 117.3207** 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 **164.7750, -23.0601, -117.3207**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.2930, 23.0266, 81.3040**, and **65.6760, 18.8937, 100.2621** is the 20% darker color. If you saturate the color by 10%, you get **92.9970, 25.6375, 130.6756**, and if you desaturate by 10%, it is **123.4530, 20.4827, 103.9657**.

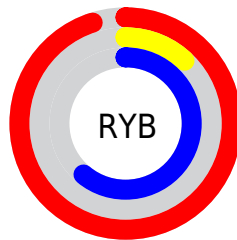
# Distribution



Red (95%)

Green (12%)

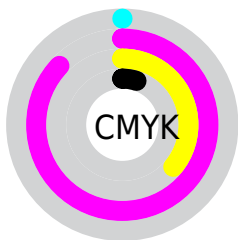
Blue (61%)



Red (95%)

Yellow (12%)

Blue (61%)

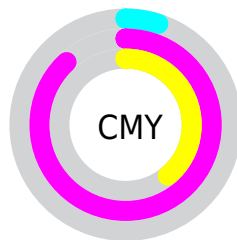


Cyan (0%)

Magenta (87%)

Yellow (36%)

Black (5%)



Cyan (5%)

Magenta (88%)


Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 108.2250, 23.0601, 117.3207 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 108.2250, 23.0601, 117.3207 by changing the saturation by 10% instead.





 108.2250, 23.0601,  
117.3207


 108.2250, 23.0601,  
117.3207

255.0000, 0.0000,  
0.0000


 77.7950, 25.2441,  
116.8208

 162.2930, 23.0266,  
81.3040


 65.6760, 18.8937,  
100.2621

 183.7960, 26.7226,  
62.4459


 53.9700, 12.8328,  
84.2183


 203.9310, 25.1770,  
44.7875

 42.3780, 7.2086,  
68.0745

 221.5410, 16.4953,  
29.3435

 30.9000, 2.0213,  
51.8307

 239.1510, 7.8136,  
13.8996

 19.4930, -4.1870,  
36.4016

 7.8880, -3.3958,

15.8842

■ 0.0000, 0.0000,  
0.0000

■ 108.2250, 23.0601,  
117.3207

■ 108.2250, 23.0601,  
117.3207

■ 92.9970, 25.6375,  
130.6756

■ 123.4530, 20.4827,  
103.9657

■ 88.5460, 26.3528,  
134.5792

■ 138.6810, 17.9053,  
90.6108

■ 154.4960, 15.0385,  
76.7410

■ 169.7240, 12.4611,  
63.3861

■ 184.9520, 9.8837,  
50.0311

200.1800, 7.3063,  
36.6761

215.4080, 4.7289,  
23.3212

231.2230, 1.8621,  
9.4514

246.4510, -0.7153,  
-3.9035

# Harmonies

## Analogous

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



130.4370, 44.6476, 53.1138



108.2250, 23.0601, 117.3207



106.1590, -10.4314, 126.1486

# Triad

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



108.2250, 23.0601, 117.3207



115.9560, -57.1663, -4.3464



119.5190, 59.3971, -104.8182

# Complementary

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



108.2250, 23.0601, 117.3207



164.7750, -23.0601, -117.3207

# 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.



114.2120, 31.4475, -100.1639



108.2250, 23.0601, 117.3207



92.3190, -34.6673, -80.9638

# Square

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



108.2250, 23.0601, 117.3207



122.4770, -60.3812, 46.9397



104.7160, 0.1400, -91.8359



114.1850, 69.4218, -100.1402



# Rectangle

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



108.2250, 23.0601, 117.3207



115.3990, -38.1577, 105.7671



104.7160, 0.1400, -91.8359



118.6410, 50.9560, -104.0482

# Sweetspot

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



108.2250, 23.0601, 117.3207



213.1800, 7.3063, 36.6761



80.1700, 79.7822, 30.5459



102.5820, 4.1501, 22.2916



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.



108.2250, 23.0601, 117.3207



93.3450, 27.9309, 141.7714



96.4830, -21.9301, 127.6184



112.3860, 1.2887, 6.6775



67.3280, 20.0513, 102.3213



20.5060, 6.1595, 31.1282



# Inverse Universe

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



108.2250, 23.0601, 117.3207



93.3450, 27.9309, 141.7714



176.5170, 21.9301, -127.6184



112.3860, 1.2887, 6.6775



67.3280, 20.0513, 102.3213



20.5060, 6.1595, 31.1282



# Previews

## White Background



This preview shows how the YUV color 108.2250, 23.0601, 117.3207 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

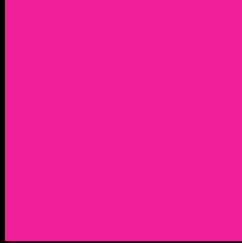
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 108.2250, 23.0601, 117.3207 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 108.2250, 23.0601, 117.3207 Background**



This preview shows how black text looks on a background with the YUV color 108.2250, 23.0601, 117.3207.



This preview shows how white text looks on a background with the YUV color 108.2250, 23.0601, 117.3207.



# 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

108.2250, 23.0601, 117.3207

### Protanopia

127.9800, 43.8869, -29.8005

### Deuteranopia

131.7430, 6.5357, 3.7334



## Tritanopia

117.1720, -23.7488, 104.2122

# Trichromacy



## Original Color

108.2250, 23.0601, 117.3207



## Protanomaly

120.9590, 36.0092, 23.7150



## Deuteranomaly

123.3150, 12.6627, 45.3277



## Tritanomaly

113.6730, -6.7408, 109.0348

# Monochromacy



## Original Color

108.2250, 23.0601, 117.3207



## Achromatopsia

108.0000, 0.0000, 0.0000



## Achromatomaly

108.1530, 8.3056, 42.8388

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 108.2250, 23.0601, 117.3207 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(242, 31, 155)` looks like.

```
.text, #text, p{  
    color:rgb(242, 31, 155)  
}
```

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(242, 31, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 31, 155) }
```

## Border

The CSS property to change the border of an element to YUV 108.2250, 23.0601, 117.3207 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(242, 31, 155) }
```



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

```
.border{ border-color:rgb(242, 31, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 31, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 31, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 31, 155);  
box-shadow:4px 4px 4px 4px rgb(242, 31,  
155) }
```

# Background

The CSS property to change the background color of an element to YUV 108.2250, 23.0601, 117.3207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 31, 155) }
```

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

```
.background{ background-color: rgb(242, 31,  
155) }
```

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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