

# Converting Colors

YUV(130.3110, 22.5247,  
102.3363)

Have a look what the booklet for  
YUV(130.3110, 22.5247, 102.3363)  
contains.

<b>YUV(130.3110, 22.5247, 102.3363)</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(130.3110, 22.5247,  
102.3363)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F73EB0
RGB	247, 62, 176
RGB Percent	97%, 24%, 69%
CMY	0.0314, 0.7569, 0.3098
CMYK	0.00, 0.75, 0.29, 0.03
HSL	323°, 92%, 61%
HSV	323°, 75%, 97%
XYZ	47.9169, 26.3540, 43.6356
YIQ	130.3110, 73.6660, 74.6740

# Conversions

## Conversions Part 2

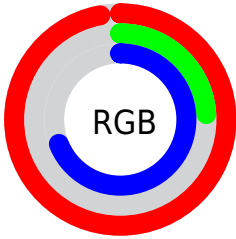
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	247, 62, 176
Decimal	16203440
CIE Lab	58.37, 77.38, -19.23
CIE LCh	58, 79.728, 346.045
Yxy	26.3540, 0.4064, 0.2235
Android (android.graphics.Color)	4294393520 (0xFFFF73EB0)
YUV	130.3110, 22.5247, 102.3363
Hunter-Lab	51.3361, 76.7727, -14.4611

# Details

The YUV color **130.3110, 22.5247, 102.3363** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light washed rose. A complement of this color would be **178.6890, -22.5247, -102.3363**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.6550, 27.2851, 68.7086**, and **69.6360, 26.3085, 102.0512** is the 20% darker color. If you saturate the color by 10%, you get **114.6100, 25.8283, 116.1060**, and if you desaturate by 10%, it is **146.0120, 19.2211, 88.5665**.

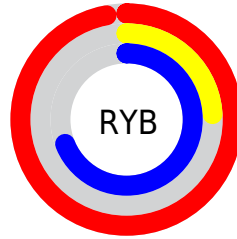
# Distribution



Red (97%)

Green (24%)

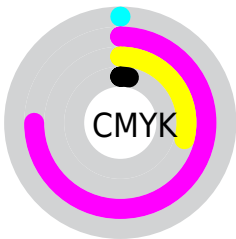
Blue (69%)



Red (97%)

Yellow (24%)

Blue (69%)

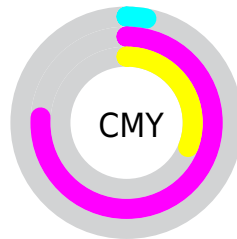


Cyan (0%)

Magenta (75%)

Yellow (29%)

Black (3%)



Cyan (3%)

Magenta (76%)


Yellow (31%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 130.3110, 22.5247, 102.3363 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 130.3110, 22.5247, 102.3363 by changing the saturation by 10% instead.





 130.3110, 22.5247,  
102.3363


 130.3110, 22.5247,  
102.3363


255.0000, 0.0000,  
0.0000


 89.2010, 29.4809,  
111.2027


 176.6550, 27.2851,  
68.7086


 69.6360, 26.3085,  
102.0512


 196.8870, 28.6497,  
50.9651


 57.8160, 19.8107,  
86.1074


 214.4970, 19.9680,  
35.5211

 46.1100, 13.7498,  
70.0635

 232.1070, 11.2862,  
20.0772

 34.9310, 8.4150,  
54.4345

 249.7170, 2.6045,  
4.6332

 24.4640, 3.2222,  
39.9351

 12.0740, -5.4595,

24.4911

■ 0.0000, 0.0000,  
0.0000

■ 130.3110, 22.5247,  
102.3363

■ 130.3110, 22.5247,  
102.3363

■ 114.6100, 25.8283,  
116.1060

■ 146.0120, 19.2211,  
88.5665

■ 99.3820, 28.4057,  
129.4610

■ 161.2400, 16.6437,  
75.2115

■ 91.1810, 29.9838,  
136.6533

■ 176.9410, 13.3401,  
61.4417

■ 192.7560, 10.4733,  
47.5720

■ 208.4570, 7.1697,  
33.8022

■ 223.6850, 4.5923,  
20.4473

■ 239.3860, 1.2887,  
6.6775

■ 252.2660, -0.1311,  
-4.6183

■ 252.6080, 1.1793,  
-4.9182

# Harmonies

## Analogous

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



142.6310, 47.0169, 39.7886



130.3110, 22.5247, 102.3363



121.2010, -7.4941, 117.3417

# Triad

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



130.3110, 22.5247, 102.3363



127.8280, -63.0192, 6.2898



125.9760, 56.2138, -110.4810

# Complementary

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



130.3110, 22.5247, 102.3363



178.6890, -22.5247, -102.3363

# 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.



120.5550, 27.8274, -105.7267



130.3110, 22.5247, 102.3363



108.7080, -41.2680, -63.7649

# Square

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



130.3110, 22.5247, 102.3363



131.9790, -65.0656, 56.1464



111.0590, -3.4801, -97.3987



121.8160, 65.6597, -106.8326



# Rectangle

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



130.3110, 22.5247, 102.3363



127.9030, -32.4902, 107.9561



111.0590, -3.4801, -97.3987



124.9840, 47.3359, -109.6110

# Sweetspot

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



130.3110, 22.5247, 102.3363



219.6200, 6.5963, 31.0283



104.3190, 70.3417, 25.1532



106.5600, 4.1609, 18.8029



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.



130.3110, 22.5247, 102.3363



109.9580, 28.1217, 127.2018



119.8230, -17.6607, 111.5342



114.5000, 1.7255, 6.5775



68.7240, 22.8141, 102.8511



21.7450, 7.0277, 32.6726



# Inverse Universe

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



130.3110, 22.5247, 102.3363



109.9580, 28.1217, 127.2018



189.1770, 17.6607, -111.5342



114.5000, 1.7255, 6.5775



68.7240, 22.8141, 102.8511



21.7450, 7.0277, 32.6726



# Previews

## White Background



This preview shows how the YUV color 130.3110, 22.5247, 102.3363 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

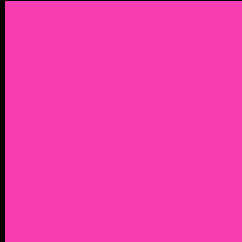
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 130.3110, 22.5247, 102.3363 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

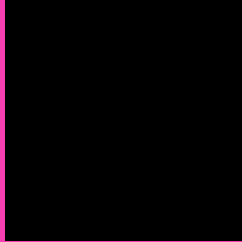
Any Text WCAG AA ✓ Pass

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 130.3110, 22.5247, 102.3363 Background



This preview shows how black text looks on a background with the YUV color 130.3110, 22.5247, 102.3363.



This preview shows how white text looks on a background with the YUV color 130.3110, 22.5247, 102.3363.



# 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

130.3110, 22.5247, 102.3363

### Protanopia

138.2510, 46.2183, -30.9151

### Deuteranopia

141.8010, 11.9301, 0.1745



## Tritanopia

133.7300, -20.0799, 94.0758

# Trichromacy



## Original Color

130.3110, 22.5247, 102.3363



## Protanomaly

135.0830, 37.9201, 17.4672



## Deuteranomaly

137.7700, 15.8894, 37.0357



## Tritanomaly

132.4650, -4.6662, 96.9392

# Monochromacy



## Original Color

130.3110, 22.5247, 102.3363



## Achromatopsia

130.0000, 0.0000, 0.0000



## Achromatomaly

130.1200, 8.3218, 37.6058

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 130.3110, 22.5247, 102.3363 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(247, 62, 176)` looks like.

```
.text, #text, p{  
    color:rgb(247, 62, 176)  
}
```

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(247, 62, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 62, 176) }
```

## Border

The CSS property to change the border of an element to YUV 130.3110, 22.5247, 102.3363 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(247, 62, 176) }
```



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

```
.border{ border-color:rgb(247, 62, 176) }
```

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

Here you see how a box with a 4 pixel rgb(247, 62, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 62, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 62, 176);  
box-shadow:4px 4px 4px 4px rgb(247, 62,  
176) }
```

# Background

The CSS property to change the background color of an element to YUV 130.3110, 22.5247, 102.3363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 62, 176) }
```

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

```
.background{ background-color: rgb(247, 62,  
176) }
```

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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