

Converting Colors

YUV(121.1730, 11.7467,
105.9653)

Have a look what the booklet for
YUV(121.1730, 11.7467, 105.9653)
contains.

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Color

**YUV(121.1730, 11.7467,
105.9653)**

Conversions

Conversions Part 1

Format	Color
Hex	F23791
RGB	242, 55, 145
RGB Percent	95%, 22%, 57%
CMY	0.0510, 0.7843, 0.4314
CMYK	0.00, 0.77, 0.40, 0.05
HSL	331°, 88%, 58%
HSV	331°, 77%, 95%
XYZ	43.0950, 23.6540, 29.0824
YIQ	121.1730, 82.5620, 67.6340

Conversions

Conversions Part 2

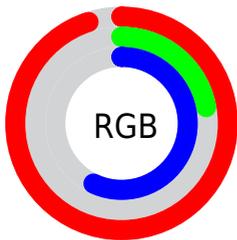
Format	Color
R _Y B	242, 55, 145
Decimal	15873937
CIE Lab	55.74, 74.90, -5.11
CIE LCh	56, 75.071, 356.095
Yxy	23.6540, 0.4497, 0.2468
Android (android.graphics.Color)	4294064017 (0xFFFF23791)
YUV	121.1730, 11.7467, 105.9653
Hunter-Lab	48.6353, 73.0541, -1.4088

Details

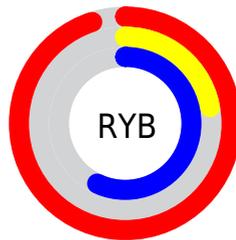
The YUV color **121.1730, 11.7467, 105.9653** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **175.8270, -11.7467, -105.9653**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.7840, 14.8965, 75.6114**, and **64.6500, 14.9625, 101.1619** is the 20% darker color. If you saturate the color by 10%, you get **105.6030, 13.0137, 119.6202**, and if you desaturate by 10%, it is **136.7430, 10.4797, 92.3104**.

Distribution



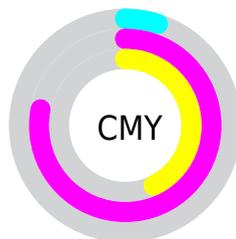
- Red (95%)
- Green (22%)
- Blue (57%)



- Red (95%)
- Yellow (22%)
- Blue (57%)



- Cyan (0%)
- Magenta (77%)
- Yellow (40%)
- Black (5%)



- Cyan (5%)
- Magenta (78%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.1730, 11.7467, 105.9653 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 121.1730, 11.7467, 105.9653 by changing the saturation by 10% instead.

 121.1730, 11.7467,
105.9653

 121.1730, 11.7467,
105.9653

255.0000, 0.0000,
0.0000

 76.6550, 20.8761,
117.8206

 168.7840, 14.8965,
75.6114

 64.6500, 14.9625,
101.1619

 189.5860, 18.4451,
57.3681

 52.9440, 8.9016,
85.1181

 210.3880, 21.9937,
39.1247

 41.4660, 3.7143,
68.8743

 227.9980, 13.3120,
23.6808

 30.1020, -1.0363,
52.5305

 245.6080, 4.6303,
8.2368

 18.8800, -7.8288,
37.8162

 7.8880, -3.3958,

15.8842

■ 0.0000, 0.0000,
0.0000

■ 121.1730, 11.7467,
105.9653

■ 121.1730, 11.7467,
105.9653

■ 105.6030, 13.0137,
119.6202

■ 136.7430, 10.4797,
92.3104

■ 90.1470, 14.7175,
133.1751

■ 152.1990, 8.7759,
78.7555

■ 85.5820, 14.9961,
137.1786

■ 168.3560, 7.2195,
64.5858

■ 183.8120, 5.5157,
51.0309

■ 199.3820, 4.2487,
37.3760

214.8380, 2.5449,
23.8211

230.4080, 1.2779,
10.1662

246.4510, -0.7153,
-3.9035

251.1130, 1.9163,
-7.9921

Harmonies

Analogous

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



133.8910, 36.0427, 59.7316



121.1730, 11.7467, 105.9653



120.9320, -19.6865, 107.9306

Triad

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



121.1730, 11.7467, 105.9653



117.3960, -57.8762, -9.9943



119.7470, 60.2707, -105.0181

Complementary

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



121.1730, 11.7467, 105.9653



175.8270, -11.7467, -105.9653

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.



116.6400, 35.6735, -102.2933



121.1730, 11.7467, 105.9653



98.3150, -21.8473, -86.2223

Square

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



121.1730, 11.7467, 105.9653



125.3680, -61.8064, 37.3883



108.5290, 7.1342, -95.1799



113.5980, 69.7112, -99.6254

Rectangle

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



121.1730, 11.7467, 105.9653



124.2740, -42.0401, 90.9677



108.5290, 7.1342, -95.1799



119.7980, 52.8506, -105.0628

Sweetspot

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



121.1730, 11.7467, 105.9653



216.9470, 3.9701, 33.3725



105.3210, 67.3827, 40.9375



104.7020, 2.1189, 20.4323



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.



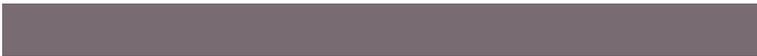
121.1730, 11.7467, 105.9653



101.8590, 14.8595, 134.3047



112.6740, -28.4333, 113.4189



112.2720, 0.8519, 6.7775



65.0480, 11.3153, 104.3209



19.8220, 3.5388, 31.7281

Inverse Universe

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



121.1730, 11.7467, 105.9653



101.8590, 14.8595, 134.3047



184.3260, 28.4333, -113.4189



112.2720, 0.8519, 6.7775



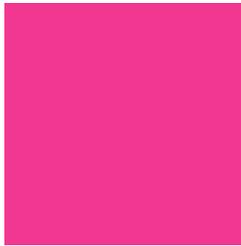
65.0480, 11.3153, 104.3209



19.8220, 3.5388, 31.7281

Previews

White Background



This preview shows how the YUV color 121.1730, 11.7467, 105.9653 looks on a white background.

Color Contrast Check

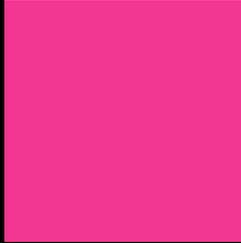
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.1730, 11.7467, 105.9653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

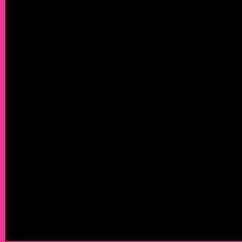
Any Text WCAG AA ✓ Pass

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 121.1730, 11.7467, 105.9653 Background



This preview shows how black text looks on a background with the YUV color 121.1730, 11.7467, 105.9653.



This preview shows how white text looks on a background with the YUV color 121.1730, 11.7467, 105.9653.

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

121.1730, 11.7467, 105.9653

Protanopia

133.6860, 29.7348, -17.2646

Deuteranopia

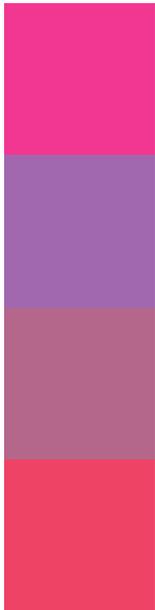
135.4680, 0.2623, 9.2366



Tritanopia

123.4920, -22.4276, 100.4235

Trichromacy



Original Color

121.1730, 11.7467, 105.9653

Protanomaly

129.2510, 23.0473, 27.8439

Deuteranomaly

130.4260, 4.2270, 44.3534

Tritanomaly

122.4180, -10.0661, 102.2424

Monochromacy



Original Color

121.1730, 11.7467, 105.9653

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

121.0940, 4.3907, 38.5056

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.1730, 11.7467, 105.9653 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, 55, 145)` looks like.

```
.text, #text, p{  
    color:rgb(242, 55, 145)  
}
```

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, 55, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 55, 145) }
```

Border

The CSS property to change the border of an element to YUV 121.1730, 11.7467, 105.9653 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, 55, 145) }
```

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

```
.border{ border-color:rgb(242, 55, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 55, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 55, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 55, 145);  
box-shadow:4px 4px 4px 4px rgb(242, 55,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 121.1730, 11.7467, 105.9653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 55, 145) }
```

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

```
.background{ background-color: rgb(242, 55,  
145) }
```

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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