

Converting Colors

YUV(137.3820, -5.6113,
73.3330)

Have a look what the booklet for
YUV(137.3820, -5.6113, 73.3330)
contains.

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Color

**YUV(137.3820, -5.6113,
73.3330)**

Conversions

Conversions Part 1

Format	Color
Hex	DD617E
RGB	221, 97, 126
RGB Percent	87%, 38%, 49%
CMY	0.1333, 0.6196, 0.5059
CMYK	0.00, 0.56, 0.43, 0.13
HSL	346°, 65%, 62%
HSV	346°, 56%, 87%
XYZ	37.8594, 25.4279, 22.6513
YIQ	137.3820, 64.5950, 35.3070

Conversions

Conversions Part 2

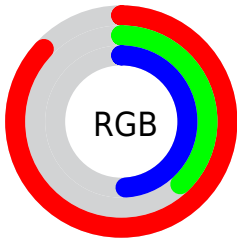
Format	Color
R_{YB}	221, 97, 126
Decimal	14508414
CIE _{Lab}	57.49, 51.12, 8.20
CIE _{LCh}	57, 51.774, 9.114
Yxy	25.4279, 0.4405, 0.2959
Android (android.graphics.Color)	4292698494 (0xFFDD617E)
YUV	137.3820, -5.6113, 73.3330
Hunter-Lab	50.4261, 45.7703, 8.6653

Details

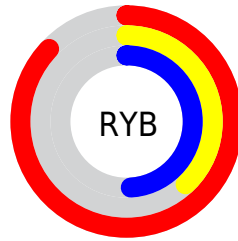
The YUV color **137.3820, -5.6113, 73.3330** is a dark color, and the websafe version is hex **FF6699**. A complement of this color would be **180.6180, 5.6113, -73.3330**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.8750, -3.3894, 60.6226**, and **81.2830, -2.1115, 70.7888** is the 20% darker color. If you saturate the color by 10%, you get **122.5300, -6.6703, 86.3582**, and if you desaturate by 10%, it is **152.2340, -4.5524, 60.3078**.

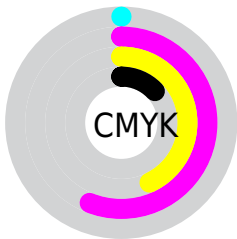
Distribution



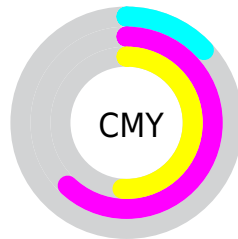
- Red (87%)
- Green (38%)
- Blue (49%)



- Red (87%)
- Yellow (38%)
- Blue (49%)



- Cyan (0%)
- Magenta (56%)
- Yellow (43%)
- Black (13%)



- Cyan (13%)
- Magenta (62%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YUV color 137.3820, -5.6113, 73.3330 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 137.3820, -5.6113, 73.3330 by changing the saturation by 10% instead.


 137.3820, -5.6113,
73.3330

 137.3820, -5.6113,
73.3330


255.0000, 0.0000,
0.0000


 109.7130, -4.2955,
71.2887


 185.8750, -3.3894,
60.6226

 81.2830, -2.1115,
70.7888


 205.3890, 0.3012,
43.5088


 47.2110, 3.8400,
75.2370

 225.0170, 4.4286,
26.2951

 34.9720, -0.4792,
60.5376

 244.4340, 5.2090,
9.2664

 23.9780, -6.3982,
45.6233

 15.1780, -6.4968,
30.5389

 0.0000, 0.0000,

0.0000

■ 137.3820, -5.6113,
73.3330

■ 137.3820, -5.6113,
73.3330

■ 122.5300, -6.6703,
86.3582

■ 152.2340, -4.5524,
60.3078

■ 107.6780, -7.7293,
99.3834

■ 167.0860, -3.4934,
47.2826

■ 92.8260, -8.7882,
112.4086

■ 181.9380, -2.4344,
34.2574

■ 77.9740, -9.8472,
125.4338

■ 196.7900, -1.3755,
21.2322

■ 72.0070, -9.8635,
130.6669

■ 212.2290, -0.6059,
7.6922

■ 227.0810, 0.4531,
-5.3330

■ 241.9330, 1.5120,
-18.3582

■ 244.8340, 5.0118,
-20.9024

Harmonies

Analogous

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



140.9510, 14.8142, 55.2940



137.3820, -5.6113, 73.3330



136.2570, -26.2557, 68.1806

Triad

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



137.3820, -5.6113, 73.3330



126.1320, -30.6311, -22.0408



113.9450, 53.2711, -99.9298

Complementary

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



137.3820, -5.6113, 73.3330



180.6180, 5.6113, -73.3330

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.



114.8620, 39.0150, -100.7340



137.3820, -5.6113, 73.3330



104.6020, -0.2968, -91.7360

Square

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



137.3820, -5.6113, 73.3330



131.8180, -44.2803, 15.9456



111.1340, 19.6539, -97.4645



129.6080, 48.0143, -47.0142

Rectangle

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



137.3820, -5.6113, 73.3330



135.6070, -37.2743, 55.5957



111.1340, 19.6539, -97.4645



114.9080, 49.3454, -100.7743

Sweetspot

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



137.3820, -5.6113, 73.3330



225.9970, -1.9705, 25.4356



138.9430, 40.4541, 44.7770



110.4580, -1.2118, 15.3843



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.



137.3820, -5.6113, 73.3330



139.6890, -7.7347, 101.1277



152.2730, -27.2496, 60.2736



102.5170, -0.7479, 6.5626



56.4010, -7.5927, 102.2573



15.0080, -1.9759, 27.1800

Inverse Universe

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



137.3820, -5.6113, 73.3330



139.6890, -7.7347, 101.1277



165.7270, 27.2496, -60.2736



102.5170, -0.7479, 6.5626



56.4010, -7.5927, 102.2573



15.0080, -1.9759, 27.1800

Previews

White Background



This preview shows how the YUV color 137.3820, -5.6113, 73.3330 looks on a white background.

Color Contrast Check

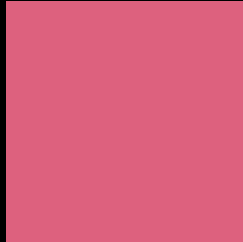
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.3820, -5.6113, 73.3330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

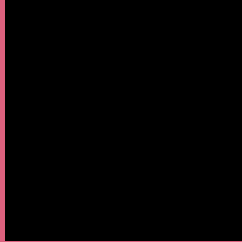
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 137.3820, -5.6113, 73.3330

Background



This preview shows how black text looks on a background with the YUV color 137.3820, -5.6113, 73.3330.



This preview shows how white text looks on a background with the YUV color 137.3820, -5.6113,

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

137.3820, -5.6113, 73.3330

Protanopia

139.2540, 4.8048, -1.0998

Deuteranopia

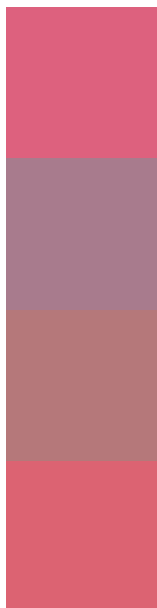
138.9930, -9.3635, 16.6691



Tritanopia

136.6780, -14.6313, 73.0734

Trichromacy



Original Color

137.3820, -5.6113, 73.3330

Protanomaly

138.5070, 1.2290, 25.8654

Deuteranomaly

138.4670, -8.1182, 37.3014

Tritanomaly

136.8890, -11.2843, 72.8883

Monochromacy



Original Color

137.3820, -5.6113, 73.3330

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

137.0080, -1.9759, 27.1800

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.3820, -5.6113, 73.3330 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(221, 97, 126)` looks like.

```
.text, #text, p{  
    color:rgb(221, 97, 126)  
}
```

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(221, 97, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 97, 126) }
```

Border

The CSS property to change the border of an element to YUV 137.3820, -5.6113, 73.3330 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(221, 97, 126) }
```


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

```
.border{ border-color:rgb(221, 97, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 97, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 97, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 97, 126); box-shadow:4px 4px 4px 4px rgb(221, 97, 126) }
```

Background

The CSS property to change the background color of an element to YUV 137.3820, -5.6113, 73.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 97, 126) }
```

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

```
.background{ background-color: rgb(221, 97,  
126) }
```

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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