

Converting Colors

YUV(137.6420, 3.6275, 96.7840)

Have a look what the booklet for
YUV(137.6420, 3.6275, 96.7840)
contains.

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Color

**YUV(137.6420, 3.6275,
96.7840)**

Conversions

Conversions Part 1

Format	Color
Hex	F85091
RGB	248, 80, 145
RGB Percent	97%, 31%, 57%
CMY	0.0275, 0.6863, 0.4314
CMYK	0.00, 0.68, 0.42, 0.03
HSL	337°, 92%, 64%
HSV	337°, 68%, 97%
XYZ	46.6909, 27.7381, 29.6812
YIQ	137.6420, 79.2630, 55.8310

Conversions

Conversions Part 2

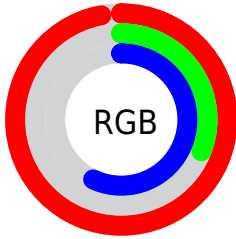
Format	Color
RYB	248, 80, 145
Decimal	16273553
CIELab	59.65, 68.44, 0.75
CIElCh	60, 68.440, 0.631
Yxy	27.7381, 0.4485, 0.2664
Android (android.graphics.Color)	4294463633 (0xFFFF85091)
YUV	137.6420, 3.6275, 96.7840
Hunter-Lab	52.6670, 66.0785, 3.4532

Details

The YUV color **137.6420, 3.6275, 96.7840** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **190.3580, -3.6275, -96.7840**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.5240, 9.1087, 65.3155**, and **66.4440, 14.0781, 104.8506** is the 20% darker color. If you saturate the color by 10%, you get **121.2570, 4.3103, 111.1536**, and if you desaturate by 10%, it is **154.0270, 2.9447, 82.4143**.

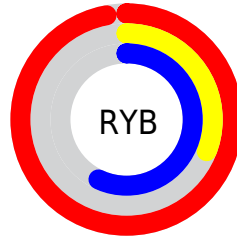
Distribution



Red (97%)

Green (31%)

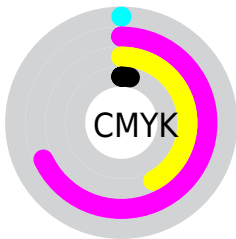
Blue (57%)



Red (97%)

Yellow (31%)

Blue (57%)

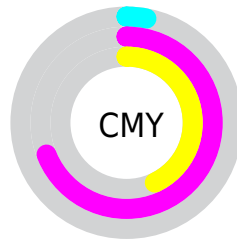


Cyan (0%)

Magenta (68%)

Yellow (42%)

Black (3%)



Cyan (3%)

Magenta (69%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 137.6420, 3.6275, 96.7840 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 137.6420, 3.6275, 96.7840 by changing the saturation by 10% instead.


 137.6420, 3.6275,
96.7840


 137.6420, 3.6275,
96.7840

255.0000, 0.0000,
0.0000


 106.0380, 6.3903,
97.3137

 180.5240, 9.1087,
65.3155

 66.4440, 14.0781,
104.8506


 200.7390, 12.9467,
47.5869


 54.7380, 8.0172,
88.8068

 220.9540, 16.7847,
29.8583

 43.2600, 2.8298,
72.5630

 238.5640, 8.1029,
14.4144

 32.3090, -1.6313,
56.7340

 21.3860, -8.5713,
42.6345

 11.1770, -5.0173,

22.6468

■ 0.0000, 0.0000,
0.0000

■ 137.6420, 3.6275,
96.7840

■ 137.6420, 3.6275,
96.7840

■ 121.2570, 4.3103,
111.1536

■ 154.0270, 2.9447,
82.4143

■ 104.8720, 4.9931,
125.5233

■ 170.4120, 2.2619,
68.0447

■ 88.9600, 4.9497,
139.4781

■ 186.3240, 2.3053,
54.0899

■ 85.0960, 5.3757,
142.8668

■ 202.7090, 1.6225,
39.7202

■ 219.0940, 0.9397,
25.3506

235.4790, 0.2569,
10.9809

251.8640, -0.4260,
-3.3887

252.9070, 1.0318,
-4.3034

Harmonies

Analogous

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



145.3660, 28.9066, 61.9460



137.6420, 3.6275, 96.7840



136.7750, -25.0321, 95.7903

Triad

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



137.6420, 3.6275, 96.7840



127.8020, -53.6394, -15.6124



125.1270, 60.5764, -109.7364

Complementary

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



137.6420, 3.6275, 96.7840



190.3580, -3.6275, -96.7840

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.



123.6330, 39.6209, -108.4261



137.6420, 3.6275, 96.7840



107.2630, -12.9477, -94.0697

Square

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



137.6420, 3.6275, 96.7840



133.8960, -66.0107, 32.5402



116.6790, 12.9763, -102.3275



117.7070, 67.6854, -103.2290

Rectangle

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



137.6420, 3.6275, 96.7840



137.5670, -43.1705, 80.1867



116.6790, 12.9763, -102.3275



124.9330, 54.7560, -109.5662

Sweetspot

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



137.6420, 3.6275, 96.7840



221.5290, 1.2182, 29.3541



129.3510, 58.4940, 45.2962



107.6370, 0.6720, 17.8584



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.



137.6420, 3.6275, 96.7840



119.0130, 4.4306, 119.2606



140.2110, -29.6840, 94.5310



116.4570, 0.2677, 7.4922



64.8330, 4.0263, 108.8945



20.9750, 1.4913, 35.1019

Inverse Universe

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



137.6420, 3.6275, 96.7840



119.0130, 4.4306, 119.2606



187.7890, 29.6840, -94.5310



116.4570, 0.2677, 7.4922



64.8330, 4.0263, 108.8945



20.9750, 1.4913, 35.1019

Previews

White Background



This preview shows how the YUV color 137.6420, 3.6275, 96.7840 looks on a white background.

Color Contrast Check

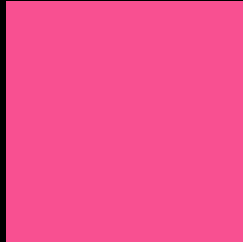
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.6420, 3.6275, 96.7840 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 137.6420, 3.6275, 96.7840

Background



This preview shows how black text looks on a background with the YUV color 137.6420, 3.6275, 96.7840.



This preview shows how white text looks on a background with the YUV color 137.6420, 3.6275,

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

137.6420, 3.6275, 96.7840

Protanopia

144.2820, 19.0880, -9.0173

Deuteranopia

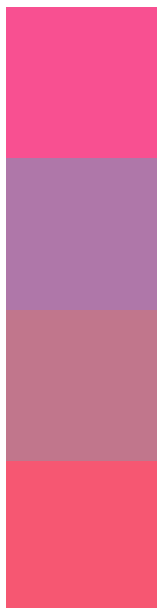
145.3500, -4.1165, 13.7251



Tritanopia

137.7300, -20.0799, 94.0758

Trichromacy



Original Color

137.6420, 3.6275, 96.7840

Protanomaly

141.4440, 13.5851, 29.4286

Deuteranomaly

142.9330, -1.4460, 43.9088

Tritanomaly

137.6190, -11.6442, 95.0501

Monochromacy



Original Color

137.6420, 3.6275, 96.7840

Achromatopsia

138.0000, 0.0000, 0.0000

Achromatomaly

137.9750, 1.4913, 35.1019

CSS Examples

Text

The CSS property to change the color of the text to YUV 137.6420, 3.6275, 96.7840 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, 80, 145)` looks like.

```
.text, #text, p{  
    color:rgb(248, 80, 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(248, 80, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 80, 145) }
```

Border

The CSS property to change the border of an element to YUV 137.6420, 3.6275, 96.7840 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, 80, 145) }
```


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

```
.border{ border-color:rgb(248, 80, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 80, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 80, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 80, 145);  
box-shadow:4px 4px 4px 4px rgb(248, 80,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 137.6420, 3.6275, 96.7840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 80, 145) }
```

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

```
.background{ background-color: rgb(248, 80,  
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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