

Converting Colors

YUV(127.5430, 3.6763, 81.0848)

Have a look what the booklet for
YUV(127.5430, 3.6763, 81.0848)
contains.

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Color

**YUV(127.5430, 3.6763,
81.0848)**

Conversions

Conversions Part 1

Format	Color
Hex	DC4F87
RGB	220, 79, 135
RGB Percent	86%, 31%, 53%
CMY	0.1373, 0.6902, 0.4706
CMYK	0.00, 0.64, 0.39, 0.14
HSL	336°, 67%, 59%
HSV	336°, 64%, 86%
XYZ	36.6844, 22.5569, 25.3421
YIQ	127.5430, 66.0600, 47.3080

Conversions

Conversions Part 2

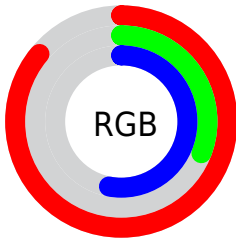
Format	Color
R_{YB}	220, 79, 135
Decimal	14438279
CIE _{Lab}	54.61, 59.68, -1.28
CIE _{LCh}	55, 59.689, 358.773
Yxy	22.5569, 0.4337, 0.2667
Android (android.graphics.Color)	4292628359 (0xFFDC4F87)
YUV	127.5430, 3.6763, 81.0848
Hunter-Lab	47.4941, 54.7585, 1.6096

Details

The YUV color **127.5430, 3.6763, 81.0848** is a dark color, and the websafe version is hex **FF6699**. The color can be described as middle muted rose. A complement of this color would be **171.4570, -3.6763, -81.0848**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.9220, 5.4615, 68.4744**, and **61.1660, 12.2432, 86.6774** is the 20% darker color. If you saturate the color by 10%, you get **113.1470, 4.3645, 93.7101**, and if you desaturate by 10%, it is **141.9390, 2.9881, 68.4595**.

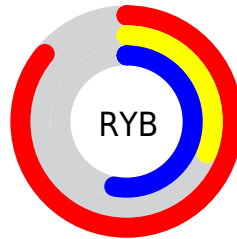
Distribution



Red (86%)

Green (31%)

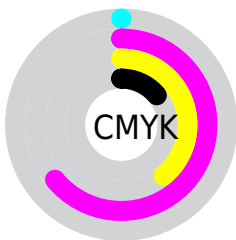
Blue (53%)



Red (86%)

Yellow (31%)

Blue (53%)

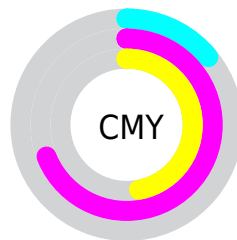


Cyan (0%)

Magenta (64%)

Yellow (39%)

Black (14%)



Cyan (14%)

Magenta (69%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YUV color 127.5430, 3.6763, 81.0848 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 127.5430, 3.6763, 81.0848 by changing the saturation by 10% instead.


 127.5430, 3.6763,
81.0848


 127.5430, 3.6763,
81.0848


255.0000, 0.0000,
0.0000


 98.1130, 5.8603,
80.5849


 176.9220, 5.4615,
68.4744

 61.1660, 12.2432,
86.6774


 197.1370, 9.2995,
50.7459

 46.2370, 7.7712,
74.3372


 216.7650, 13.4269,
33.5321

 35.4710, 2.7258,
59.2229

 235.0420, 9.8393,
17.5032

 24.7050, -2.3196,
44.1087

 252.6520, 1.1576,
2.0592

 14.2810, -6.0545,
28.6946

 0.0000, 0.0000,

0.0000

■ 127.5430, 3.6763,
81.0848

■ 127.5430, 3.6763,
81.0848

■ 113.1470, 4.3645,
93.7101

■ 141.9390, 2.9881,
68.4595

■ 98.6370, 4.6160,
106.4354

■ 156.4490, 2.7366,
55.7342

■ 84.2410, 5.3042,
119.0606

■ 170.8450, 2.0484,
43.1089

■ 75.6980, 5.5719,
126.5529

■ 185.2410, 1.3602,
30.4836

■ 199.6370, 0.6720,
17.8584

■ 214.1470, 0.4205,
5.1331

■ 228.5430, -0.2677,
-7.4922

■ 242.9390, -0.9559,
-20.1175

■ 244.4210, 4.7224,
-21.4172

Harmonies

Analogous

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



133.0780, 25.5975, 49.9206



127.5430, 3.6763, 81.0848



125.8380, -20.6261, 82.5801

Triad

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



127.5430, 3.6763, 81.0848



118.4250, -45.0725, -10.0197



112.4290, 52.5395, -98.6002

Complementary

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



127.5430, 3.6763, 81.0848



171.4570, -3.6763, -81.0848

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.



110.8040, 33.6206, -97.1751



127.5430, 3.6763, 81.0848



100.0630, -12.8491, -78.9853

Square

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



127.5430, 3.6763, 81.0848



122.6060, -59.4588, 31.0405



104.8760, 10.9071, -91.9763



107.0950, 62.5642, -93.9223

Rectangle

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



127.5430, 3.6763, 81.0848



126.7490, -35.8653, 70.3801



104.8760, 10.9071, -91.9763



112.9360, 46.8666, -99.0449

Sweetspot

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



127.5430, 3.6763, 81.0848



223.5180, 1.2236, 27.6097



120.4890, 49.0589, 38.1591



108.3380, 0.8194, 17.2436



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.



127.5430, 3.6763, 81.0848



126.4960, 5.1785, 112.6980



129.3770, -24.8359, 79.4764



102.7450, 0.1257, 6.3626



59.5930, 4.6377, 99.4579



15.8060, 1.0816, 26.4801

Inverse Universe

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



127.5430, 3.6763, 81.0848



126.4960, 5.1785, 112.6980



169.6230, 24.8359, -79.4764



102.7450, 0.1257, 6.3626



59.5930, 4.6377, 99.4579



15.8060, 1.0816, 26.4801

Previews

White Background



This preview shows how the YUV color 127.5430, 3.6763, 81.0848 looks on a white background.

Color Contrast Check

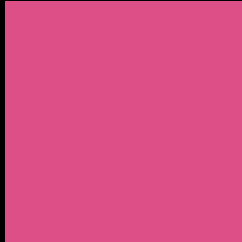
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.5430, 3.6763, 81.0848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

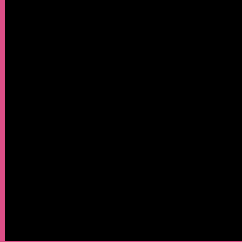
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 127.5430, 3.6763, 81.0848

Background



This preview shows how black text looks on a background with the YUV color 127.5430, 3.6763, 81.0848.



This preview shows how white text looks on a background with the YUV color 127.5430, 3.6763,

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

127.5430, 3.6763, 81.0848

Protanopia

131.8260, 17.3408, -8.6174

Deuteranopia

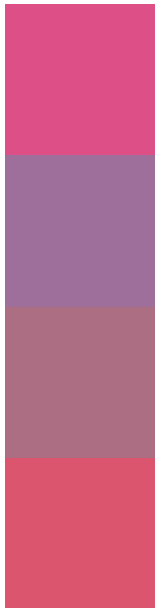
132.4960, -2.2165, 10.9660



Tritanopia

127.2550, -16.3947, 78.7064

Trichromacy



Original Color

127.5430, 3.6763, 81.0848

Protanomaly

130.0690, 12.2910, 24.4955

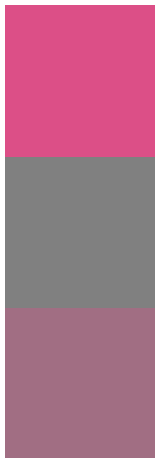
Deuteranomaly

130.9320, 0.0335, 36.0166

Tritanomaly

127.5030, -9.1220, 79.3659

Monochromacy



Original Color

127.5430, 3.6763, 81.0848

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.6430, 1.6550, 29.2541

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.5430, 3.6763, 81.0848 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(220, 79, 135)` looks like.

```
.text, #text, p{  
    color:rgb(220, 79, 135)  
}
```

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(220, 79, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 79, 135) }
```

Border

The CSS property to change the border of an element to YUV 127.5430, 3.6763, 81.0848 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(220, 79, 135) }
```


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

```
.border{ border-color:rgb(220, 79, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 79, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 79, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 79, 135);  
box-shadow:4px 4px 4px 4px rgb(220, 79,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 127.5430, 3.6763, 81.0848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 79, 135) }
```

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

```
.background{ background-color: rgb(220, 79,  
135) }
```

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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