

Converting Colors

YUV(84.1600, 25.0641,
127.9017)

Have a look what the booklet for
YUV(84.1600, 25.0641, 127.9017)
contains.

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Color

**YUV(84.1600, 25.0641,
127.9017)**

Conversions

Conversions Part 1

Format	Color
Hex	E60087
RGB	230, 0, 135
RGB Percent	90%, 0%, 53%
CMY	0.0980, 1.0000, 0.4706
CMYK	0.00, 1.00, 0.41, 0.10
HSL	325°, 100%, 45%
HSV	325°, 100%, 90%
XYZ	37.0063, 18.5723, 24.5560
YIQ	84.1600, 93.7450, 90.7450

Conversions

Conversions Part 2

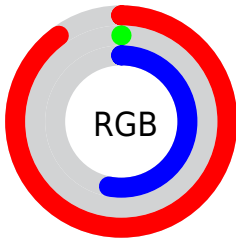
Format	Color
R_YB	230, 0, 135
Decimal	15073415
CIE Lab	50.18, 79.83, -7.63
CIE LCh	50, 80.196, 354.540
Yxy	18.5723, 0.4618, 0.2318
Android (android.graphics.Color)	4293263495 (0xFFE60087)
YUV	84.1600, 25.0641, 127.9017
Hunter-Lab	43.0955, 77.8614, -3.6168

Details

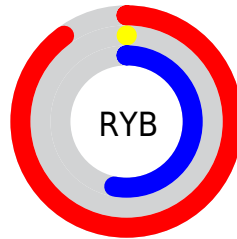
The YUV color **84.1600, 25.0641, 127.9017** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark washed rose. A complement of this color would be **145.8400, -25.0641, -127.9017**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **153.4420, 17.0371, 89.0664**, and **59.9220, 12.3635, 94.7844** is the 20% darker color. If you saturate the color by 10%, you get **84.1600, 25.0641, 127.9017**, and if you desaturate by 10%, it is **98.8010, 22.7761, 115.0615**.

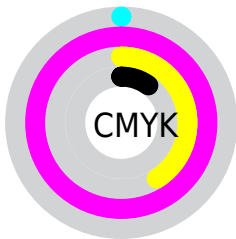
Distribution



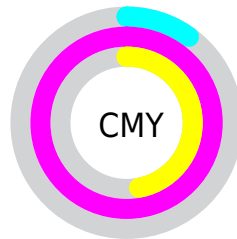
- Red (90%)
- Green (0%)
- Blue (53%)



- Red (90%)
- Yellow (0%)
- Blue (53%)



- Cyan (0%)
- Magenta (100%)
- Yellow (41%)
- Black (10%)





- Cyan (10%)
- Magenta (100%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the YUV color 84.1600, 25.0641, 127.9017 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 84.1600, 25.0641, 127.9017 by changing the saturation by 10% instead.


 84.1600, 25.0641,
127.9017


 84.1600, 25.0641,
127.9017

255.0000, 0.0000,
0.0000


 72.0410, 18.7138,
111.3430


 153.4420, 17.0371,
89.0664


 59.9220, 12.3635,
94.7844


 174.8310, 20.2963,
70.3082


 48.3300, 6.7393,
78.6406


 195.6330, 23.8449,
52.0649

 36.9660, 1.9888,
62.2968

 214.4970, 19.9680,
35.5211

 26.3140, -2.6198,
47.0826

 232.6940, 10.9969,
19.5624

 14.5800, -6.2019,
29.3093

 250.3040, 2.3151,

 0.0000, 0.0000,

4.1184

0.0000

■ 84.1600, 25.0641,
127.9017

■ 98.8010, 22.7761,
115.0615

■ 113.3280, 20.0513,
102.3213

■ 127.9690, 17.7633,
89.4812

■ 142.4960, 15.0385,
76.7410

■ 157.1370, 12.7505,
63.9009

■ 171.6640, 10.0256,
51.1607

■ 186.3050, 7.7376,
38.3205

■ 200.8320, 5.0128,
25.5803

■ 215.4730, 2.7248,
12.7402

Harmonies

Analogous

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



117.4550, 40.6947, 60.9910



84.1600, 25.0641, 127.9017



95.0290, -13.3253, 121.0006

Triad

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



84.1600, 25.0641, 127.9017



104.6930, -51.6136, -12.0088



110.8620, 59.2280, -97.2260

Complementary

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



84.1600, 25.0641, 127.9017



145.8400, -25.0641, -127.9017

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.



106.8260, 33.6098, -93.6864



84.1600, 25.0641, 127.9017



86.4320, -29.3000, -75.8009

Square

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



84.1600, 25.0641, 127.9017



112.3880, -55.4073, 38.2477



98.1450, 2.8865, -86.0732



106.5540, 73.1839, -93.4479

Rectangle

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



84.1600, 25.0641, 127.9017



105.3180, -42.0618, 97.9451



98.1450, 2.8865, -86.0732



110.2120, 51.6605, -96.6559

Sweetspot

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



84.1600, 25.0641, 127.9017



206.7400, 8.0162, 42.3240



53.7280, 86.9021, 33.5645



98.8320, 5.0128, 25.5803



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.



84.1600, 25.0641, 127.9017



93.3450, 27.9309, 141.7714



71.3920, -23.8573, 139.0992



107.3860, 1.2887, 6.6775



65.4910, 19.4779, 99.5474



18.6690, 5.5862, 28.3543

Inverse Universe

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



84.1600, 25.0641, 127.9017



93.3450, 27.9309, 141.7714



158.6080, 23.8573, -139.0992



107.3860, 1.2887, 6.6775



65.4910, 19.4779, 99.5474



18.6690, 5.5862, 28.3543

Previews

White Background



This preview shows how the YUV color 84.1600, 25.0641, 127.9017 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 84.1600, 25.0641, 127.9017 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 84.1600, 25.0641, 127.9017

Background



This preview shows how black text looks on a background with the YUV color 84.1600, 25.0641, 127.9017.



This preview shows how white text looks on a background with the YUV color 84.1600, 25.0641,

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

84.1600, 25.0641, 127.9017

Protanopia

119.4770, 36.7398, -24.0973

Deuteranopia

122.0980, 1.4307, 7.8071



Tritanopia

104.6560, -24.4804, 105.5417

Trichromacy



Original Color

84.1600, 25.0641, 127.9017

Protanomaly

106.7920, 32.6405, 30.8774

Deuteranomaly

108.0770, 10.3150, 51.6755

Tritanomaly

97.4070, -6.6097, 113.6531

Monochromacy



Original Color

84.1600, 25.0641, 127.9017

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.8160, 9.4577, 46.6424

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.1600, 25.0641, 127.9017 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(230, 0, 135)` looks like.

```
.text, #text, p{  
    color:rgb(230, 0, 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(230, 0, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 0, 135) }
```

Border

The CSS property to change the border of an element to YUV 84.1600, 25.0641, 127.9017 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(230, 0, 135) }
```


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

```
.border{ border-color:rgb(230, 0, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 0, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 0, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 0, 135);  
box-shadow:4px 4px 4px 4px rgb(230, 0,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 84.1600, 25.0641, 127.9017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 0, 135) }
```

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

```
.background{ background-color: rgb(230, 0,  
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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