

Converting Colors

YUV(87.5930, 31.7527,
129.2759)

Have a look what the booklet for
YUV(87.5930, 31.7527, 129.2759)
contains.

YUV(87.5930, 31.7527, 129.2759)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(87.5930, 31.7527,
129.2759)**

Conversions

Conversions Part 1

Format	Color
Hex	EB0098
RGB	235, 0, 152
RGB Percent	92%, 0%, 60%
CMY	0.0784, 1.0000, 0.4039
CMYK	0.00, 1.00, 0.35, 0.08
HSL	321°, 100%, 46%
HSV	321°, 100%, 92%
XYZ	39.9284, 19.9292, 31.4480
YIQ	87.5930, 91.2680, 97.0920

Conversions

Conversions Part 2

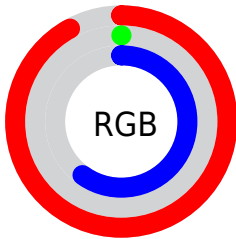
Format	Color
R_{YB}	235, 0, 152
Decimal	15401112
CIE _{Lab}	51.76, 82.41, -15.38
CIE _{LCh}	52, 83.838, 349.429
Yxy	19.9292, 0.4373, 0.2183
Android (android.graphics.Color)	4293591192 (0xFFEB0098)
YUV	87.5930, 31.7527, 129.2759
Hunter-Lab	44.6421, 81.5290, -10.5172

Details

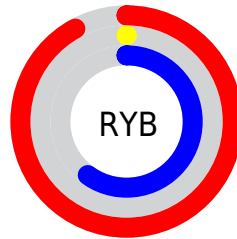
The YUV color **87.5930, 31.7527, 129.2759** is a dark color, and the websafe version is hex **FF0099**. The color can be described as dark washed rose. A complement of this color would be **147.4070, -31.7527, -129.2759**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.0810, 24.6101, 86.7520**, and **63.2410, 18.6152, 96.2586** is the 20% darker color. If you saturate the color by 10%, you get **87.5930, 31.7527, 129.2759**, and if you desaturate by 10%, it is **102.0060, 28.5910, 116.6357**.

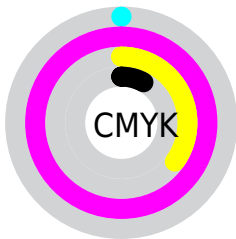
Distribution



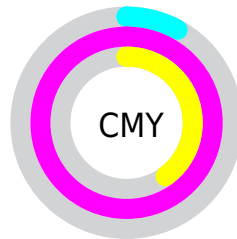
- Red (92%)
- Green (0%)
- Blue (60%)



- Red (92%)
- Yellow (0%)
- Blue (60%)



- Cyan (0%)
- Magenta (100%)
- Yellow (35%)
- Black (8%)





- Cyan (8%)
- Magenta (100%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YUV color 87.5930, 31.7527, 129.2759 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 87.5930, 31.7527, 129.2759 by changing the saturation by 10% instead.


 87.5930, 31.7527,
129.2759


 87.5930, 31.7527,
129.2759


255.0000, 0.0000,
0.0000


 75.3600, 24.9655,
112.8173

 156.0810, 24.6101,
86.7520


 63.2410, 18.6152,
96.2586

 178.1710, 28.0167,
67.3790


 51.5350, 12.5542,
80.2148


 198.6480, 27.7815,
49.4207

 39.9430, 6.9301,
64.0710

 216.2580, 19.0998,
33.9767

 28.8780, 2.0321,
48.3420

 233.8680, 10.4181,
18.5328

 17.0150, -5.9234,
33.3128

 252.0650, 1.4470,

 2.9900, -1.4741,

2.5740

6.1478

■ 0.0000, 0.0000,
0.0000

■ 87.5930, 31.7527,
129.2759

■ 102.0060, 28.5910,
116.6357

■ 117.1200, 25.5768,
103.3808

■ 132.1200, 22.1258,
90.2258

■ 146.5330, 18.9642,
77.5856

■ 161.6470, 15.9500,
64.3306

■ 176.0600, 12.7884,
51.6904

■ 190.4730, 9.6268,
39.0502

■ 205.4730, 6.1758,
25.8952

■ 220.0000, 3.4510,
13.1550

Harmonies

Analogous

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



122.9960, 46.8370, 50.8695



87.5930, 31.7527, 129.2759



84.5380, -1.7442, 139.8482

Triad

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



87.5930, 31.7527, 129.2759



110.3520, -54.4035, -3.8167



115.1990, 58.0759, -101.0295

Complementary

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



87.5930, 31.7527, 129.2759



147.4070, -31.7527, -129.2759

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.



109.1910, 29.9788, -95.7605



87.5930, 31.7527, 129.2759



85.7020, -42.2511, -75.1607

Square

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



87.5930, 31.7527, 129.2759



116.2860, -57.3290, 47.9842



100.0540, -2.4916, -87.7474



111.2500, 70.8688, -97.5662

Rectangle

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



87.5930, 31.7527, 129.2759



106.2900, -36.1320, 109.3707



100.0540, -2.4916, -87.7474



113.6200, 49.4873, -99.6447

Sweetspot

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



87.5930, 31.7527, 129.2759



207.3100, 10.2002, 41.8241



51.3080, 90.5602, 26.9169



99.0600, 5.8864, 25.3804



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.



87.5930, 31.7527, 129.2759



95.0550, 34.4829, 140.2718



74.2550, -19.3527, 140.9734



110.0870, 1.4361, 6.0627



67.4570, 24.4247, 99.5772



20.1360, 7.3280, 29.6987

Inverse Universe

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



87.5930, 31.7527, 129.2759



95.0550, 34.4829, 140.2718



160.7450, 19.3527, -140.9734



110.0870, 1.4361, 6.0627



67.4570, 24.4247, 99.5772



20.1360, 7.3280, 29.6987

Previews

White Background



This preview shows how the YUV color 87.5930, 31.7527, 129.2759 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 87.5930, 31.7527, 129.2759 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 87.5930, 31.7527, 129.2759

Background



This preview shows how black text looks on a background with the YUV color 87.5930, 31.7527, 129.2759.



This preview shows how white text looks on a background with the YUV color 87.5930, 31.7527,

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

87.5930, 31.7527, 129.2759

Protanopia

120.8700, 47.3921, -34.0890

Deuteranopia

126.2590, 7.2673, 2.4039



Tritanopia

110.7590, -24.0382, 103.6974

Trichromacy



Original Color

87.5930, 31.7527, 129.2759



Protanomaly

109.0500, 41.3873, 25.3891



Deuteranomaly

112.5480, 15.9988, 48.6314



Tritanomaly

102.2050, -3.5521, 112.9532

Monochromacy



Original Color

87.5930, 31.7527, 129.2759



Achromatopsia

88.0000, 0.0000, 0.0000



Achromatomaly

87.6850, 11.4943, 46.7573

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.5930, 31.7527, 129.2759 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(235, 0, 152)` looks like.

```
.text, #text, p{  
    color:rgb(235, 0, 152)  
}
```

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(235, 0, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 0, 152) }
```

Border

The CSS property to change the border of an element to YUV 87.5930, 31.7527, 129.2759 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(235, 0, 152) }
```


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

```
.border{ border-color:rgb(235, 0, 152) }
```

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

Here you see how a box with a 4 pixel rgb(235, 0, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 0, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 0, 152);  
box-shadow:4px 4px 4px 4px rgb(235, 0,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 87.5930, 31.7527, 129.2759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 0, 152) }
```

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

```
.background{ background-color: rgb(235, 0,  
152) }
```

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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