

Converting Colors

YUV(131.8600, 56.7640,
86.9458)

Have a look what the booklet for
YUV(131.8600, 56.7640, 86.9458)
contains.

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Color

**YUV(131.8600, 56.7640,
86.9458)**

Conversions

Conversions Part 1

Format	Color
Hex	E73BF7
RGB	231, 59, 247
RGB Percent	91%, 23%, 97%
CMY	0.0941, 0.7686, 0.0314
CMYK	0.06, 0.76, 0.00, 0.03
HSL	295°, 92%, 60%
HSV	295°, 76%, 97%
XYZ	51.3075, 26.8323, 90.4706
YIQ	131.8600, 42.1640, 94.9320

Conversions

Conversions Part 2

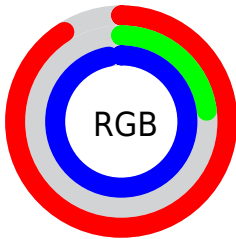
Format	Color
R _{YB}	231, 59, 247
Decimal	15154167
CIE _{Lab}	58.82, 84.62, -59.03
CIE _{LCh}	59, 103.173, 325.103
Y _{xy}	26.8323, 0.3043, 0.1591
Android (android.graphics.Color)	4293344247 (0xFFE73BF7)
Y _{UV}	131.8600, 56.7640, 86.9458
Hunter-Lab	51.7999, 86.1535, -67.2926

Details

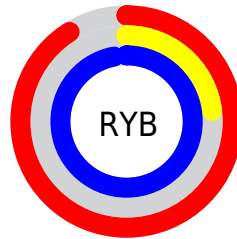
The YUV color **131.8600, 56.7640, 86.9458** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **174.1400, -56.7640, -86.9458**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.1030, 37.9102, 67.4387**, and **72.7890, 57.7850, 86.1310** is the 20% darker color. If you saturate the color by 10%, you get **116.5870, 64.2936, 98.5862**, and if you desaturate by 10%, it is **147.1330, 49.2344, 75.3054**.

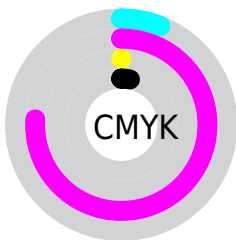
Distribution



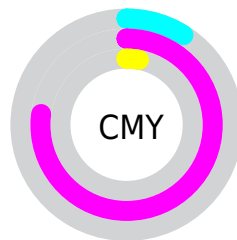
- Red (91%)
- Green (23%)
- Blue (97%)



- Red (91%)
- Yellow (23%)
- Blue (97%)



- Cyan (6%)
- Magenta (76%)
- Yellow (0%)
- Black (3%)



- Cyan (9%)
- Magenta (77%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the YUV color 131.8600, 56.7640, 86.9458 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 131.8600, 56.7640, 86.9458 by changing the saturation by 10% instead.


 131.8600, 56.7640,
86.9458


 131.8600, 56.7640,
86.9458


255.0000, 0.0000,
0.0000


 84.9510, 65.5932,
101.7750


 178.1030, 37.9102,
67.4387


 72.7890, 57.7850,
86.1310


 195.7130, 29.2285,
51.9947


 60.6270, 49.9769,
70.4871


 213.3230, 20.5468,
36.5507

 48.8780, 42.4581,
55.3580

 230.9330, 11.8650,
21.1068

 37.2430, 35.3762,
40.1289

 249.1300, 2.8939,
5.1480

 26.3200, 28.4362,
26.0294

 13.3040, 22.5281,

7.6264

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 131.8600, 56.7640,
86.9458

■ 131.8600, 56.7640,
86.9458

■ 116.5870, 64.2936,
98.5862

■ 147.1330, 49.2344,
75.3054

■ 101.9010, 71.5338,
109.7118

■ 161.8190, 41.9942,
64.1797

■ 95.7320, 74.5751,
114.2450

■ 177.0920, 34.4646,
52.5393

■ 192.3650, 26.9351,
40.8989

207.3500, 19.5474,
30.3880

222.6230, 12.0179,
18.7476

237.8960, 4.4883,
7.1072

251.9950, -2.4625,
-3.5036

252.5930, -2.7573,
-2.2741

Harmonies

Analogous

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



121.5810, 65.7756, -50.4985



131.8600, 56.7640, 86.9458



94.5990, 32.7357, 140.6717

Triad

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



131.8600, 56.7640, 86.9458



133.3860, -65.7593, 45.2655



129.2240, 43.2736, -113.3294

Complementary

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



131.8600, 56.7640, 86.9458



174.1400, -56.7640, -86.9458

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.



117.3340, 2.7933, -102.9019



131.8600, 56.7640, 86.9458



121.7490, -60.0223, -21.7049

Square

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



131.8600, 56.7640, 86.9458



125.5200, -61.8814, 108.2920



100.4910, -49.0491, -88.1306



131.2080, 61.0295, -115.0694

Rectangle

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



131.8600, 56.7640, 86.9458



87.7590, 6.5278, 146.6704



100.4910, -49.0491, -88.1306



125.8040, 30.1696, -110.3301

Sweetspot

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



131.8600, 56.7640, 86.9458



218.8720, 17.8111, 27.2993



91.5850, 76.6196, -28.5770



105.6720, 11.0077, 16.0737



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.



131.8600, 56.7640, 86.9458



112.8360, 70.0869, 107.1378



128.0940, 21.6457, 104.2806



114.6570, 3.6201, 5.5628



72.0340, 56.1852, 85.9162



22.8720, 17.8111, 27.2993

Inverse Universe

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



117.0360, -20.7237, 113.9784



94.6480, -25.4625, 140.6287



177.9060, -21.6457, -104.2806



113.7020, -1.3321, 7.2773



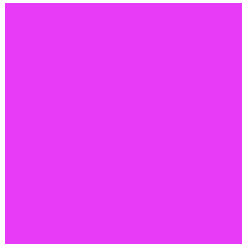
57.4380, -20.4289, 112.7489



18.2110, -6.5130, 35.7720

Previews

White Background



This preview shows how the YUV color 131.8600, 56.7640, 86.9458 looks on a white background.

Color Contrast Check

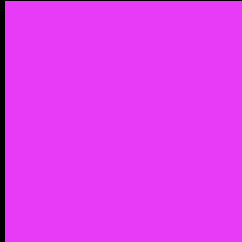
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.8600, 56.7640, 86.9458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

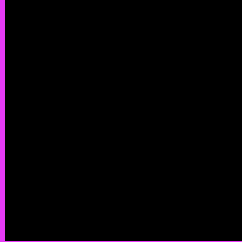
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 131.8600, 56.7640, 86.9458

Background



This preview shows how black text looks on a background with the YUV color 131.8600, 56.7640, 86.9458.



This preview shows how white text looks on a background with the YUV color 131.8600, 56.7640, 86.9458.

86.9458.

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

131.8600, 56.7640, 86.9458

Protanopia

134.8930, 59.2128, -45.5102

Deuteranopia

134.2490, 49.1772, -46.6994



Tritanopia

141.4920, -12.5676, 64.4665

Trichromacy



Original Color

131.8600, 56.7640, 86.9458



Protanomaly

133.6740, 58.3347, 2.9169



Deuteranomaly

133.6540, 51.9356, 2.0574



Tritanomaly

138.1920, 12.7233, 72.6226

Monochromacy



Original Color

131.8600, 56.7640, 86.9458



Achromatopsia

132.0000, 0.0000, 0.0000



Achromatomaly

131.7030, 20.8524, 31.8325

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.8600, 56.7640, 86.9458 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(231, 59, 247)` looks like.

```
.text, #text, p{  
    color:rgb(231, 59, 247)  
}
```

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(231, 59, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 59, 247) }
```

Border

The CSS property to change the border of an element to YUV 131.8600, 56.7640, 86.9458 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(231, 59, 247) }
```


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

```
.border{ border-color:rgb(231, 59, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 59, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 59, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 59, 247);  
box-shadow:4px 4px 4px 4px rgb(231, 59,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 131.8600, 56.7640, 86.9458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 59, 247) }
```

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

```
.background{ background-color: rgb(231, 59,  
247) }
```

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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