

Converting Colors

YUV(131.7300, 60.7721,
108.1078)

Have a look what the booklet for
YUV(131.7300, 60.7721, 108.1078)
contains.

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Color

**YUV(131.7300, 60.7721,
108.1078)**

Conversions

Conversions Part 1

Format	Color
Hex	FF2DFF
RGB	255, 45, 255
RGB Percent	100%, 18%, 100%
CMY	0.0000, 0.8235, 0.0000
CMYK	0.00, 0.82, 0.00, 0.00
HSL	300°, 100%, 59%
HSV	300°, 82%, 100%
XYZ	60.2284, 30.3568, 97.2928
YIQ	131.7300, 57.7500, 109.8300

Conversions

Conversions Part 2

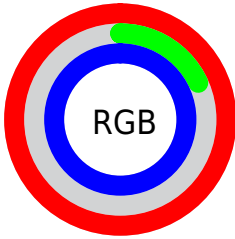
Format	Color
R _Y B	255, 45, 255
Decimal	16723455
CIE _{Lab}	61.96, 93.42, -58.22
CIE _{LCh}	62, 110.080, 328.069
Yxy	30.3568, 0.3206, 0.1616
Android (android.graphics.Color)	4294913535 (0xFFFF2DFF)
YUV	131.7300, 60.7721, 108.1078
Hunter-Lab	55.0970, 98.7047, -66.1291

Details

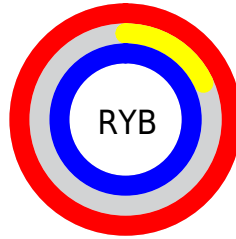
The YUV color **131.7300, 60.7721, 108.1078** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **168.2700, -60.7721, -108.1078**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.1680, 39.3572, 70.0127**, and **80.1650, 57.5997, 98.9563** is the 20% darker color. If you saturate the color by 10%, you get **117.0550, 68.0069, 120.9778**, and if you desaturate by 10%, it is **146.9920, 53.2479, 94.7230**.

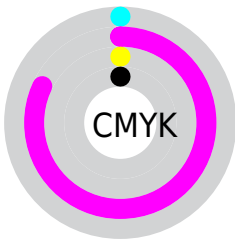
Distribution



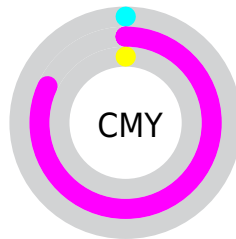
- Red (100%)
- Green (18%)
- Blue (100%)



- Red (100%)
- Yellow (18%)
- Blue (100%)



- Cyan (0%)
- Magenta (82%)
- Yellow (0%)
- Black (0%)



- Cyan (0%)
- Magenta (82%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 131.7300, 60.7721, 108.1078 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 131.7300, 60.7721, 108.1078 by changing the saturation by 10% instead.


 131.7300, 60.7721,
108.1078


 131.7300, 60.7721,
108.1078


255.0000, 0.0000,
0.0000


 92.7400, 65.6972,
115.1150

 175.1680, 39.3572,
70.0127


 80.1650, 57.5997,
98.9563


 193.9520, 30.0967,
53.5391

 68.1170, 50.2283,
83.2124


 212.1490, 21.1255,
37.5803

 55.9550, 42.4202,
67.5685

 230.3460, 12.1544,
21.6216

 44.3200, 35.3382,
52.3394

 248.5430, 3.1833,
5.6628

 33.0980, 28.5457,
37.6251

 20.9790, 22.1954,

21.0664

■ 6.0980, 18.1927,
-1.8399

■ 2.9810, 8.8834,
-2.6143

■ 131.7300, 60.7721,
108.1078

■ 131.7300, 60.7721,
108.1078

■ 117.0550, 68.0069,
120.9778

■ 146.9920, 53.2479,
94.7230

■ 105.3150, 73.7947,
131.2737

■ 161.6670, 46.0132,
81.8530

■ 176.9290, 38.4890,
68.4683

■ 191.6040, 31.2542,
55.5983

206.8660, 23.7301,
42.2135

221.5410, 16.4953,
29.3435

236.8030, 8.9711,
15.9588

251.4780, 1.7363,
3.0888

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



132.9320, 60.1795, -28.8814



131.7300, 60.7721, 108.1078



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.



131.7300, 60.7721, 108.1078



140.4410, -69.2374, 40.8322



137.7160, 50.4260, -120.7769

Complementary

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



131.7300, 60.7721, 108.1078



168.2700, -60.7721, -108.1078

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.



125.7290, 7.0356, -110.2643



131.7300, 60.7721, 108.1078



125.8030, -62.0209, -34.0302

Square

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



131.7300, 60.7721, 108.1078



133.1840, -65.6597, 106.8326



109.3420, -43.0596, -95.8929



137.0780, 58.1355, -120.2174

Rectangle

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



131.7300, 60.7721, 108.1078



87.3030, 4.7806, 147.0703



109.3420, -43.0596, -95.8929



134.0680, 36.4485, -117.5776

Sweetspot

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



131.7300, 60.7721, 108.1078



217.4320, 18.5210, 32.9471



68.9400, 91.7276, -20.9954



105.1070, 11.2862, 20.0772



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.



131.7300, 60.7721, 108.1078



107.0760, 72.9265, 129.7293



119.7600, 14.9083, 118.6055



120.3690, 3.7621, 6.6924



78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Inverse Universe

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



131.7300, 60.7721, 108.1078



107.0760, 72.9265, 129.7293



180.2400, -14.9083, -118.6055



120.3690, 3.7621, 6.6924



78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Previews

White Background



This preview shows how the YUV color 131.7300, 60.7721, 108.1078 looks on a white background.

Color Contrast Check

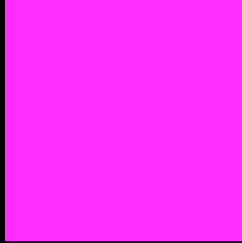
Large Text (above 18pt) WCAG AA × Fail

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 131.7300, 60.7721, 108.1078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

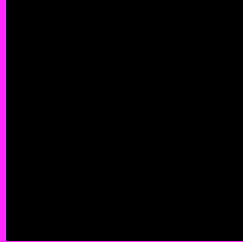
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 131.7300, 60.7721, 108.1078 Background



This preview shows how black text looks on a background with the YUV color 131.7300, 60.7721, 108.1078.



This preview shows how white text looks on a background with the YUV color 131.7300, 60.7721, 108.1078.

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

131.7300, 60.7721, 108.1078

Protanopia

145.2590, 54.1023, -39.6921

Deuteranopia

144.2280, 47.7086, -42.2960



Tritanopia

147.2660, -16.4001, 80.4507

Trichromacy



Original Color

131.7300, 60.7721, 108.1078



Protanomaly

140.2840, 56.5550, 13.7829



Deuteranomaly

139.8340, 52.3398, 12.4236

Tritanomaly

141.3730, 11.6481, 90.8809

Monochromacy



Original Color

131.7300, 60.7721, 108.1078



Achromatopsia

132.0000, 0.0000, 0.0000



Achromatomaly

131.8010, 22.2831, 39.6395

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.7300, 60.7721, 108.1078 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(255, 45, 255)` looks like.

```
.text, #text, p{  
    color:rgb(255, 45, 255)  
}
```

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(255, 45, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 45, 255) }
```

Border

The CSS property to change the border of an element to YUV 131.7300, 60.7721, 108.1078 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(255, 45, 255) }
```


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

```
.border{ border-color:rgb(255, 45, 255) }
```

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

Here you see how a box with a 4 pixel rgb(255, 45, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 45, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 45, 255);  
box-shadow:4px 4px 4px 4px rgb(255, 45,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 131.7300, 60.7721, 108.1078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 45, 255) }
```

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

```
.background{ background-color: rgb(255, 45,  
255) }
```

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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