

Converting Colors

YUV(157.6070, 33.2247,
30.1627)

Have a look what the booklet for
YUV(157.6070, 33.2247, 30.1627)
contains.

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Color

**YUV(157.6070, 33.2247,
30.1627)**

Conversions

Conversions Part 1

Format	Color
Hex	C07FE1
RGB	192, 127, 225
RGB Percent	75%, 50%, 88%
CMY	0.2471, 0.5020, 0.1176
CMYK	0.15, 0.44, 0.00, 0.12
HSL	280°, 62%, 69%
HSV	280°, 44%, 88%
XYZ	42.9182, 31.8215, 75.1143
YIQ	157.6070, 7.2820, 44.2580

Conversions

Conversions Part 2

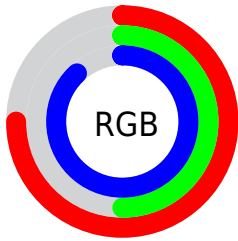
Format	Color
R_{YB}	192, 127, 225
Decimal	12615649
CIE _{Lab}	63.20, 42.24, -40.18
CIE _{LCh}	63, 58.292, 316.431
Yxy	31.8215, 0.2864, 0.2123
Android (android.graphics.Color)	4290805729 (0xFFC07FE1)
YUV	157.6070, 33.2247, 30.1627
Hunter-Lab	56.4105, 37.0879, -39.4612

Details

The YUV color **157.6070, 33.2247, 30.1627** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **194.3930, -33.2247, -30.1627**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.0670, 22.1520, 35.0212**, and **104.8410, 31.6304, 28.2034** is the 20% darker color. If you saturate the color by 10%, you get **142.3010, 40.7706, 36.5700**, and if you desaturate by 10%, it is **173.5000, 25.3895, 23.2405**.

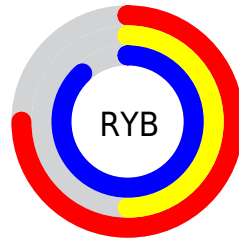
Distribution



Red (75%)

Green (50%)

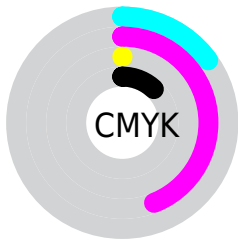
Blue (88%)



Red (75%)

Yellow (50%)

Blue (88%)

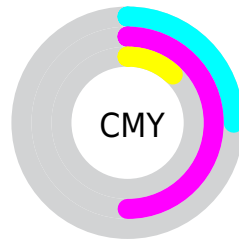


Cyan (15%)

Magenta (44%)

Yellow (0%)

Black (12%)



Cyan (25%)


Magenta (50%)

Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the YUV color 157.6070, 33.2247, 30.1627 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 157.6070, 33.2247, 30.1627 by changing the saturation by 10% instead.


 157.6070, 33.2247,
30.1627


 157.6070, 33.2247,
30.1627


255.0000, 0.0000,
0.0000


 130.7810, 32.6460,
29.1331


 210.0670, 22.1520,
35.0212


 104.8410, 31.6304,
28.2034


 227.9980, 13.3120,
23.6808

 79.0150, 31.0516,
27.1738

 245.0210, 4.9196,
8.7516

 53.6020, 30.7622,
26.6590

 27.7160, 31.1990,
26.5591

 17.8040, 24.2536,
14.2039

 5.0160, 19.2191,

-4.3990

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 157.6070, 33.2247,
30.1627

■ 157.6070, 33.2247,
30.1627

■ 142.3010, 40.7706,
36.5700

■ 173.5000, 25.3895,
23.2405

■ 126.7070, 48.4584,
44.1070

■ 188.5070, 17.9910,
16.2184

■ 111.4010, 56.0043,
50.5143

■ 204.4000, 10.1558,
9.2962

■ 95.8070, 63.6921,
58.0513

■ 219.4070, 2.7573,
2.2741

80.5010, 71.2380,
64.4586

235.3000, -5.0779,
-4.6481

70.2010, 76.3159,
69.1067

246.1980,
-10.4506, -8.0666

248.5900,
-11.6299, -3.1484

250.9820,
-12.8091, 1.7698

251.5800,
-13.1039, 2.9993

Harmonies

Analogous

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



149.1950, 51.1759, -34.3740



157.6070, 33.2247, 30.1627



154.6540, 12.0026, 70.4634

Triad

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



157.6070, 33.2247, 30.1627



148.3980, -50.4822, 45.2550



125.1200, 27.5488, -109.7302

Complementary

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



157.6070, 33.2247, 30.1627



194.3930, -33.2247, -30.1627

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.



118.3770, 4.2511, -103.8166



157.6070, 33.2247, 30.1627



144.0960, -49.3473, 7.8088

Square

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



157.6070, 33.2247, 30.1627



150.1130, -34.5657, 73.5689



136.9620, -29.5613, -38.5547



128.6030, 48.5097, -112.7848

Rectangle

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



157.6070, 33.2247, 30.1627



151.9040, -3.8967, 83.3992



136.9620, -29.5613, -38.5547



123.0680, 19.6865, -107.9306

Sweetspot

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



157.6070, 33.2247, 30.1627



232.3400, 11.1714, 10.2258



158.1300, 32.9669, -27.3010



113.5800, 7.1091, 6.5073



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.



157.6070, 33.2247, 30.1627



163.4740, 45.1223, 40.8033



165.7640, 21.8083, 51.9500



104.3470, 3.7729, 3.2037



55.0470, 59.6298, 54.3328



15.0400, 16.2493, 14.8739

Inverse Universe

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



160.0640, -0.0316, 56.9489



166.8970, 0.0508, 77.2663



186.2360, -21.8083, -51.9500



104.7450, 0.1257, 6.3626



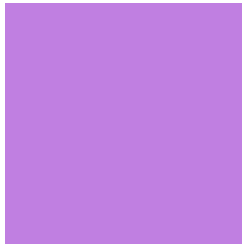
59.3500, -0.1725, 102.3021



16.1760, -0.0868, 27.9096

Previews

White Background



This preview shows how the YUV color 157.6070, 33.2247, 30.1627 looks on a white background.

Color Contrast Check

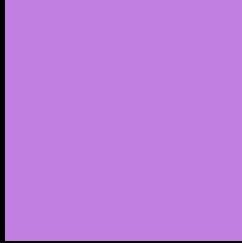
Large Text (above 18pt) WCAG AA × Fail

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 157.6070, 33.2247, 30.1627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

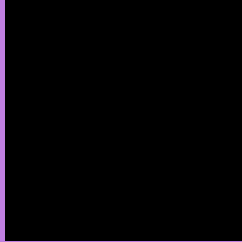
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 157.6070, 33.2247, 30.1627

Background



This preview shows how black text looks on a background with the YUV color 157.6070, 33.2247, 30.1627.



This preview shows how white text looks on a background with the YUV color 157.6070, 33.2247, 30.1627.

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

157.6070, 33.2247, 30.1627

Protanopia

150.9630, 46.3602, -29.7856

Deuteranopia

152.2770, 33.3874, -22.1679



Tritanopia

155.6160, -0.7967, 22.2618

Trichromacy



Original Color

157.6070, 33.2247, 30.1627



Protanomaly

153.5420, 41.6378, -8.3683



Deuteranomaly

154.3980, 33.3278, -2.9800



Tritanomaly

156.2540, 11.7068, 25.2102

Monochromacy



Original Color

157.6070, 33.2247, 30.1627



Achromatopsia

158.0000, 0.0000, 0.0000



Achromatomaly

157.8670, 11.8976, 10.6406

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.6070, 33.2247, 30.1627 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(192, 127, 225)` looks like.

```
.text, #text, p{  
    color:rgb(192, 127, 225)  
}
```

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(192, 127, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 127, 225) }
```

Border

The CSS property to change the border of an element to YUV 157.6070, 33.2247, 30.1627 is called "border". The border property can be set on classes, ids or directly on the HTML element.

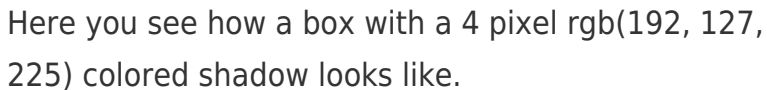
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(192, 127, 225) }
```


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

```
.border{ border-color:rgb(192, 127, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(192, 127, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 127, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 127, 225); box-shadow:4px 4px 4px 4px rgb(192, 127, 225) }
```

Background

The CSS property to change the background color of an element to YUV 157.6070, 33.2247, 30.1627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 127, 225) }
```

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

```
.background{ background-color: rgb(192,  
127, 225) }
```

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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