

Converting Colors

YUV(158.9210, 37.0139,
28.1333)

Have a look what the booklet for
YUV(158.9210, 37.0139, 28.1333)
contains.

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Color

**YUV(158.9210, 37.0139,
28.1333)**

Conversions

Conversions Part 1

Format	Color
Hex	BF80EA
RGB	191, 128, 234
RGB Percent	75%, 50%, 92%
CMY	0.2510, 0.4980, 0.0824
CMYK	0.18, 0.45, 0.00, 0.08
HSL	276°, 72%, 71%
HSV	276°, 45%, 92%
XYZ	44.0563, 32.4552, 81.7844
YIQ	158.9210, 3.5220, 46.3220

Conversions

Conversions Part 2

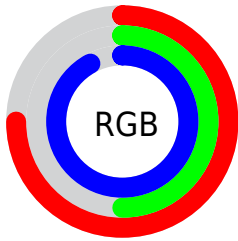
Format	Color
R_{YB}	191, 128, 234
Decimal	12550378
CIE _{Lab}	63.72, 43.35, -44.36
CIE _{LCh}	64, 62.020, 314.338
Yxy	32.4552, 0.2783, 0.2050
Android (android.graphics.Color)	4290740458 (0xFFBF80EA)
YUV	158.9210, 37.0139, 28.1333
Hunter-Lab	56.9695, 38.3431, -45.2370

Details

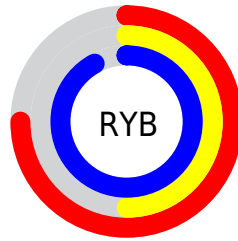
The YUV color **158.9210, 37.0139, 28.1333** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **203.0790, -37.0139, -28.1333**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.3550, 22.0100, 33.8917**, and **105.8560, 35.5670, 25.5593** is the 20% darker color. If you saturate the color by 10%, you get **142.7290, 44.9966, 34.4407**, and if you desaturate by 10%, it is **175.1130, 29.0313, 21.8259**.

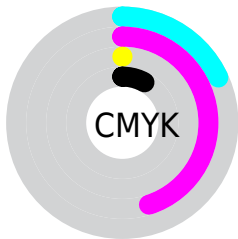
Distribution



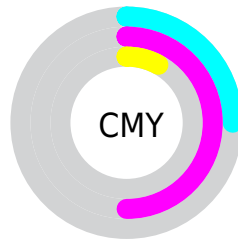
- Red (75%)
- Green (50%)
- Blue (92%)



- Red (75%)
- Yellow (50%)
- Blue (92%)



- Cyan (18%)
- Magenta (45%)
- Yellow (0%)
- Black (8%)



- Cyan (25%)
- Magenta (50%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.9210, 37.0139, 28.1333 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 158.9210, 37.0139, 28.1333 by changing the saturation by 10% instead.

158.9210, 37.0139,
28.1333

158.9210, 37.0139,
28.1333

255.0000, 0.0000,
0.0000

132.0950, 36.4352,
27.1037

210.3550, 22.0100,
33.8917

105.8560, 35.5670,
25.5593

228.5850, 13.0226,
23.1660

80.0300, 34.9882,
24.5297

245.6080, 4.6303,
8.2368

54.5030, 34.2620,
24.1149

28.0300, 34.9882,
24.5297

17.4060, 27.9008,
11.0449

5.8140, 22.2767,

-5.0989

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 158.9210, 37.0139,
28.1333

■ 158.9210, 37.0139,
28.1333

■ 142.7290, 44.9966,
34.4407

■ 175.1130, 29.0313,
21.8259

■ 125.6510, 53.4161,
40.6481

■ 192.1910, 20.6118,
15.6185

■ 109.4590, 61.3987,
46.9555

■ 208.3830, 12.6292,
9.3111

■ 92.3810, 69.8182,
53.1629

■ 225.4610, 4.2097,
3.1037

76.1890, 77.8008,
59.4702

241.6530, -3.7729,
-3.2037

68.2370, 81.7212,
62.0592

250.5130, -8.1409,
-2.2039

252.6060, -9.1728,
2.0995

Harmonies

Analogous

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



146.4110, 53.5344, -44.2104



158.9210, 37.0139, 28.1333



155.7730, 14.9019, 73.8671

Triad

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



158.9210, 37.0139, 28.1333



149.2200, -53.8455, 50.6731



126.7670, 26.2439, -111.1747

Complementary

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



158.9210, 37.0139, 28.1333



203.0790, -37.0139, -28.1333

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.



119.0950, 1.9252, -104.4463



158.9210, 37.0139, 28.1333



144.9240, -55.1785, 11.4677

Square

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



158.9210, 37.0139, 28.1333



150.9180, -35.4556, 79.0019



137.3490, -33.2031, -37.1401



130.8200, 49.3887, -114.7291

Rectangle

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



158.9210, 37.0139, 28.1333



151.9200, -1.4396, 88.6472



137.3490, -33.2031, -37.1401



124.6010, 17.9447, -109.2751

Sweetspot

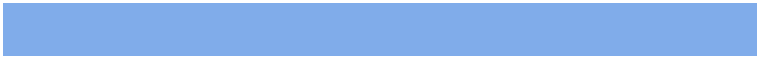
The Sweet Spot groups the original color and five complimentary colors.



158.9210, 37.0139, 28.1333



229.6820, 12.4818, 9.9259



165.9120, 33.5674, -33.2488



112.3950, 7.6933, 5.7926



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.



158.9210, 37.0139, 28.1333



157.2500, 48.1908, 36.6148



170.7520, 26.7443, 55.4685



109.3470, 3.7729, 3.2037



52.9260, 63.1405, 48.2999



15.7240, 18.8701, 14.2741

Inverse Universe

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



164.5960, 3.1572, 60.8673



164.6460, 4.1185, 79.2405



191.2480, -26.7443, -55.4685



109.7450, 0.1257, 6.3626



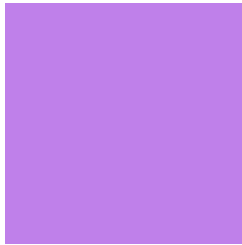
62.4410, 5.2056, 103.9762



18.6540, 1.6496, 30.9984

Previews

White Background



This preview shows how the YUV color 158.9210, 37.0139, 28.1333 looks on a white background.

Color Contrast Check

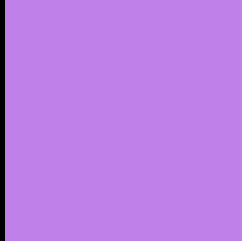
Large Text (above 18pt) WCAG AA × Fail

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 158.9210, 37.0139, 28.1333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

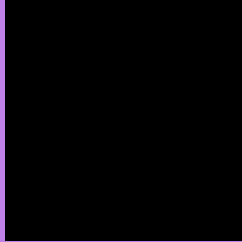
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.9210, 37.0139, 28.1333

Background



This preview shows how black text looks on a background with the YUV color 158.9210, 37.0139, 28.1333.



This preview shows how white text looks on a background with the YUV color 158.9210, 37.0139,

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

158.9210, 37.0139, 28.1333

Protanopia

151.3800, 50.5917, -33.6593

Deuteranopia

152.9820, 37.4769, -27.1712



Tritanopia

157.1210, -0.0597, 19.1879

Trichromacy



Original Color

158.9210, 37.0139, 28.1333



Protanomaly

154.2580, 45.7218, -11.6273



Deuteranomaly

155.4020, 37.2698, -7.3686



Tritanomaly

157.4000, 13.6068, 22.4512

Monochromacy



Original Color

158.9210, 37.0139, 28.1333



Achromatopsia

159.0000, 0.0000, 0.0000



Achromatomaly

159.2090, 13.2080, 10.3407

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.9210, 37.0139, 28.1333 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(191, 128, 234)` looks like.

```
.text, #text, p{  
    color:rgb(191, 128, 234)  
}
```

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(191, 128, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 128, 234) }
```

Border

The CSS property to change the border of an element to YUV 158.9210, 37.0139, 28.1333 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(191, 128, 234) }
```


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

```
.border{ border-color:rgb(191, 128, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 128, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 128, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 128, 234);  
box-shadow:4px 4px 4px 4px rgb(191, 128,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 158.9210, 37.0139, 28.1333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 128, 234) }
```

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

```
.background{ background-color: rgb(191,  
128, 234) }
```

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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