

Converting Colors

YUV(155.8250, 29.1733,
22.9555)

Have a look what the booklet for
YUV(155.8250, 29.1733, 22.9555)
contains.

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Color

**YUV(155.8250, 29.1733,
22.9555)**

Conversions

Conversions Part 1

Format	Color
Hex	B683D7
RGB	182, 131, 215
RGB Percent	71%, 51%, 84%
CMY	0.2863, 0.4863, 0.1569
CMYK	0.15, 0.39, 0.00, 0.16
HSL	276°, 51%, 68%
HSV	276°, 39%, 84%
XYZ	39.6734, 31.0840, 68.1988
YIQ	155.8250, 3.4320, 36.9360

Conversions

Conversions Part 2

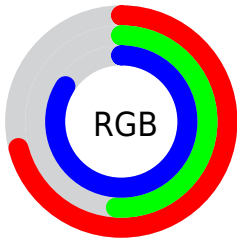
Format	Color
R _Y B	182, 131, 215
Decimal	11961303
CIE Lab	62.58, 34.97, -35.64
CIE LCh	63, 49.933, 314.457
Yxy	31.0840, 0.2855, 0.2237
Android (android.graphics.Color)	4290151383 (0xFFB683D7)
YUV	155.8250, 29.1733, 22.9555
Hunter-Lab	55.7530, 29.4516, -33.4982

Details

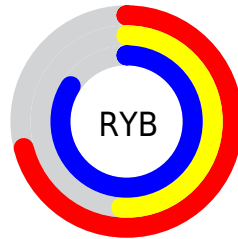
The YUV color **155.8250, 29.1733, 22.9555** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **190.1750, -29.1733, -22.9555**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.1260, 22.6159, 26.1995**, and **103.4720, 27.8683, 21.5111** is the 20% darker color. If you saturate the color by 10%, you get **141.1060, 36.4297, 28.8480**, and if you desaturate by 10%, it is **171.1310, 21.6274, 16.5481**.

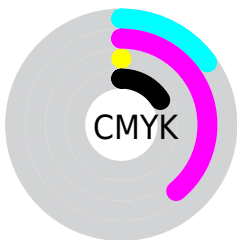
Distribution



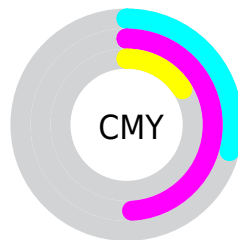
- Red (71%)
- Green (51%)
- Blue (84%)



- Red (71%)
- Yellow (51%)
- Blue (84%)



- Cyan (15%)
- Magenta (39%)
- Yellow (0%)
- Black (16%)



- Cyan (29%)
- Magenta (49%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.8250, 29.1733, 22.9555 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 155.8250, 29.1733, 22.9555 by changing the saturation by 10% instead.

155.8250, 29.1733,
22.9555

155.8250, 29.1733,
22.9555

255.0000, 0.0000,
0.0000

128.9990, 28.5945,
21.9259

209.1260, 22.6159,
26.1995

103.4720, 27.8683,
21.5111

230.3460, 12.1544,
21.6216

78.2330, 27.0001,
19.9667

246.7820, 4.0515,
7.2072

54.4070, 26.4213,
18.9371

29.4070, 26.4213,
18.9371

15.5110, 21.9331,
11.8299

4.2180, 16.1615,

-3.6992

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,
0.0000

■ 155.8250, 29.1733,
22.9555

■ 155.8250, 29.1733,
22.9555

■ 141.1060, 36.4297,
28.8480

■ 171.1310, 21.6274,
16.5481

■ 125.5010, 44.1230,
34.6406

■ 186.1490, 14.2235,
11.2703

■ 110.1950, 51.6689,
41.0480

■ 200.8680, 6.9671,
5.3778

■ 95.1770, 59.0727,
46.3258

■ 216.4730, -0.7262,
-0.4148

79.8710, 66.6186,
52.7331

231.1920, -7.9827,
-6.3074

64.8530, 74.0225,
58.0109

243.8620,
-14.2290, -9.5260

63.6790, 74.6013,
59.0405

246.2540,
-15.4082, -4.6078

248.9450,
-16.7349, 0.9252

250.4400,
-17.4719, 3.9991

Harmonies

Analogous

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



148.5670, 43.5975, -30.3153



155.8250, 29.1733, 22.9555



154.2350, 10.7301, 58.5529

Triad

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



155.8250, 29.1733, 22.9555



148.6670, -41.7408, 41.5110



121.7460, 24.7752, -106.7712

Complementary

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



155.8250, 29.1733, 22.9555



190.1750, -29.1733, -22.9555

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.



118.6170, 3.6398, -94.3801



155.8250, 29.1733, 22.9555



145.1700, -41.4958, 9.4979

Square

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



155.8250, 29.1733, 22.9555



150.1380, -29.1550, 64.7770



138.8260, -26.5362, -28.7884



124.5450, 43.1153, -109.2260

Rectangle

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



155.8250, 29.1733, 22.9555



152.6420, -3.2745, 70.4740



138.8260, -26.5362, -28.7884



120.0360, 18.2233, -105.2716

Sweetspot

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



155.8250, 29.1733, 22.9555



233.2150, 10.7400, 8.5814



160.5340, 26.8517, -25.9013



115.0420, 6.3883, 4.3482



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.



155.8250, 29.1733, 22.9555



170.5070, 41.6550, 32.8814



164.7800, 20.8145, 44.0429



99.3470, 3.7729, 3.2037



50.5900, 59.3621, 46.8406



12.6760, 14.9497, 11.6851

Inverse Universe

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



159.8780, 2.0321, 48.3420



176.2380, 2.8407, 69.0743



181.2200, -20.8145, -44.0429



99.8590, 0.5625, 6.2627



58.7670, 4.0589, 98.4283



14.7950, 1.0871, 24.7358

Previews

White Background



This preview shows how the YUV color 155.8250, 29.1733, 22.9555 looks on a white background.

Color Contrast Check

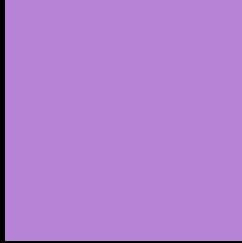
Large Text (above 18pt) WCAG AA × Fail

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 155.8250, 29.1733, 22.9555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

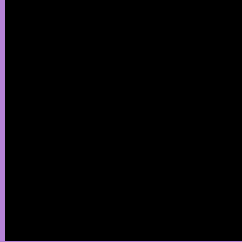
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 155.8250, 29.1733, 22.9555

Background



This preview shows how black text looks on a background with the YUV color 155.8250, 29.1733, 22.9555.



This preview shows how white text looks on a background with the YUV color 155.8250, 29.1733,

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

155.8250, 29.1733, 22.9555

Protanopia

150.4600, 39.2132, -24.0824

Deuteranopia

151.2730, 29.4454, -17.7794



Tritanopia

153.6260, 0.6774, 16.1140

Trichromacy



Original Color

155.8250, 29.1733, 22.9555

Protanomaly

152.0600, 35.9594, -7.0686

Deuteranomaly

152.9590, 29.1072, -2.5950

Tritanomaly

154.3950, 11.1443, 18.9476

Monochromacy



Original Color

155.8250, 29.1733, 22.9555

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

155.8020, 10.4506, 8.0666

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.8250, 29.1733, 22.9555 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(182, 131, 215)` looks like.

```
.text, #text, p{  
    color:rgb(182, 131, 215)  
}
```

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(182, 131, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 131, 215) }
```

Border

The CSS property to change the border of an element to YUV 155.8250, 29.1733, 22.9555 is called "border". The border property can be set on classes, ids or directly on the HTML element.

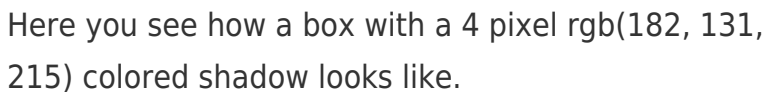
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(182, 131, 215) }
```


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

```
.border{ border-color:rgb(182, 131, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(182, 131, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 131, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 131, 215);  
box-shadow:4px 4px 4px 4px rgb(182, 131,  
215) }
```

Background

The CSS property to change the background color of an element to YUV 155.8250, 29.1733, 22.9555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 131, 215) }
```

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

```
.background{ background-color: rgb(182,  
131, 215) }
```

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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