

Converting Colors

YUV(103.1330, 65.9964,
65.6584)

Have a look what the booklet for
YUV(103.1330, 65.9964, 65.6584)
contains.

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Color

**YUV(103.1330, 65.9964,
65.6584)**

Conversions

Conversions Part 1

Format	Color
Hex	B227ED
RGB	178, 39, 237
RGB Percent	70%, 15%, 93%
CMY	0.3020, 0.8471, 0.0706
CMYK	0.25, 0.84, 0.00, 0.07
HSL	282°, 85%, 54%
HSV	282°, 84%, 93%
XYZ	34.3717, 17.0304, 81.5964
YIQ	103.1330, 19.2860, 91.0460

Conversions

Conversions Part 2

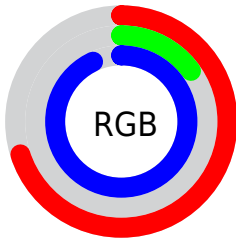
Format	Color
RYB	178, 39, 237
Decimal	11675629
CIELab	48.30, 79.08, -70.80
CIELCh	48, 106.143, 318.159
Yxy	17.0304, 0.2584, 0.1280
Android (android.graphics.Color)	4289865709 (0xFFB227ED)
YUV	103.1330, 65.9964, 65.6584
Hunter-Lab	41.2680, 76.4520, -88.3426

Details

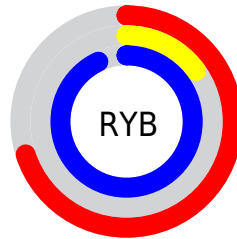
The YUV color **103.1330, 65.9964, 65.6584** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed purple. A complement of this color would be **172.8670, -65.9964, -65.6584**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.2800, 46.2040, 67.2834**, and **56.1010, 61.0822, 55.1624** is the 20% darker color. If you saturate the color by 10%, you get **86.9520, 73.9737, 73.7101**, and if you desaturate by 10%, it is **119.3140, 58.0192, 57.6066**.

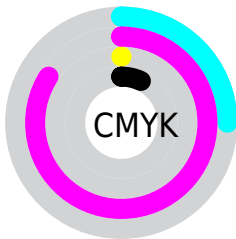
Distribution



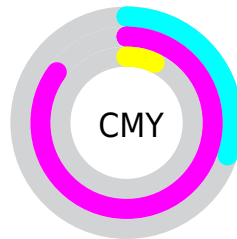
- Red (70%)
- Green (15%)
- Blue (93%)



- Red (70%)
- Yellow (15%)
- Blue (93%)



- Cyan (25%)
- Magenta (84%)
- Yellow (0%)
- Black (7%)



- Cyan (30%)
- Magenta (85%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.1330, 65.9964, 65.6584 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 103.1330, 65.9964, 65.6584 by changing the saturation by 10% instead.

103.1330, 65.9964,
65.6584

103.1330, 65.9964,
65.6584

255.0000, 0.0000,
0.0000

67.9640, 69.0377,
70.1916

161.2800, 46.2040,
67.2834

56.1010, 61.0822,
55.1624

183.3860, 35.3057,
62.8055

43.9390, 53.2741,
39.5185

200.9960, 26.6240,
47.3615

31.5920, 46.0501,
23.1598

218.0190, 18.2316,
32.4323

18.8750, 39.9946,
5.3716

235.0420, 9.8393,
17.5032

8.4360, 32.3231,
-7.3984

252.6520, 1.1576,

8.1620, 21.1191,

2.0592

-7.1581

■ 4.4800, 12.0884,
-3.9290

■ 0.0000, 0.0000,
0.0000

■ 103.1330, 65.9964,
65.6584

■ 103.1330, 65.9964,
65.6584

■ 86.9520, 73.9737,
73.7101

■ 119.3140, 58.0192,
57.6066

■ 76.6520, 79.0516,
78.3582

■ 134.9080, 50.3314,
50.0697

■ 151.0890, 42.3541,
42.0179

■ 167.2700, 34.3769,
33.9662

■ 182.8640, 26.6890,
26.4293

■ 199.0450, 18.7118,
18.3775

■ 215.2260, 10.7346,
10.3258

■ 231.4070, 2.7573,
2.2741

■ 247.3000, -5.0779,
-4.6481

Harmonies

Analogous

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



93.0530, 79.8399, -81.6075



103.1330, 65.9964, 65.6584



91.7080, 30.7100, 137.0681

Triad

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



103.1330, 65.9964, 65.6584



108.0570, -53.2721, 53.4470



106.1420, 30.9890, -93.0865

Complementary

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



103.1330, 65.9964, 65.6584



172.8670, -65.9964, -65.6584

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.



93.5510, -9.6386, -82.0442



103.1330, 65.9964, 65.6584



100.8610, -49.7245, -11.2791

Square

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



103.1330, 65.9964, 65.6584



82.2600, -40.5542, 127.8140



82.1800, -40.5147, -72.0719



114.7890, 66.6590, -100.6700

Rectangle

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



103.1330, 65.9964, 65.6584



87.0750, 3.9070, 147.2702



82.1800, -40.5147, -72.0719



102.0210, 17.7376, -89.4724

Sweetspot

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



103.1330, 65.9964, 65.6584



211.7510, 21.3218, 21.2664



96.2050, 69.4119, -50.1688



101.5190, 13.0551, 12.6998



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.



103.1330, 65.9964, 65.6584



82.5910, 84.9976, 84.5507



116.2140, 39.8275, 105.9293



109.6460, 3.6255, 3.8185



58.6070, 60.3397, 59.9807



17.5180, 17.9856, 17.9627

Inverse Universe

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



104.9280, -3.4155, 115.8271



84.9090, -4.3921, 149.1698



159.7860, -39.8275, -105.9293



109.6310, -0.3111, 6.4626



60.2750, -3.0936, 105.8758



17.9700, -0.9712, 31.5983

Previews

White Background



This preview shows how the YUV color 103.1330, 65.9964, 65.6584 looks on a white background.

Color Contrast Check

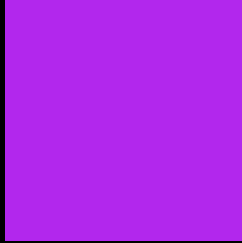
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 103.1330, 65.9964, 65.6584 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

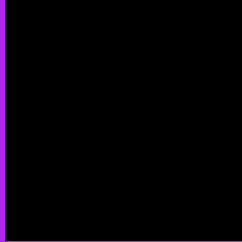
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 103.1330, 65.9964, 65.6584 Background



This preview shows how black text looks on a background with the YUV color 103.1330, 65.9964, 65.6584.



This preview shows how white text looks on a background with the YUV color 103.1330, 65.9964,

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

103.1330, 65.9964, 65.6584

Protanopia

91.8330, 70.0883, -80.5375

Deuteranopia

92.6360, 55.3955, -81.2418



Tritanopia

116.4390, -5.6394, 35.5720

Trichromacy



Original Color

103.1330, 65.9964, 65.6584



Protanomaly

96.1200, 68.4678, -27.2922



Deuteranomaly

96.4160, 59.4479, -27.5518



Tritanomaly

111.9760, 20.2248, 46.5020

Monochromacy



Original Color

103.1330, 65.9964, 65.6584



Achromatopsia

103.0000, 0.0000, 0.0000



Achromatomaly

103.1580, 24.0791, 23.5404

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.1330, 65.9964, 65.6584 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(178, 39, 237)` looks like.

```
.text, #text, p{  
    color:rgb(178, 39, 237)  
}
```

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(178, 39, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 39, 237) }
```

Border

The CSS property to change the border of an element to YUV 103.1330, 65.9964, 65.6584 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(178, 39, 237) }
```


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

```
.border{ border-color:rgb(178, 39, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 39, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 39, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 39, 237);  
box-shadow:4px 4px 4px 4px rgb(178, 39,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 103.1330, 65.9964, 65.6584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 39, 237) }
```

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

```
.background{ background-color: rgb(178, 39,  
237) }
```

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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