

Converting Colors

YUV(116.8340, 62.6928,
51.8886)

Have a look what the booklet for
YUV(116.8340, 62.6928, 51.8886)
contains.

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Color

**YUV(116.8340, 62.6928,
51.8886)**

Conversions

Conversions Part 1

Format	Color
Hex	B03EF4
RGB	176, 62, 244
RGB Percent	69%, 24%, 96%
CMY	0.3098, 0.7569, 0.0431
CMYK	0.28, 0.75, 0.00, 0.04
HSL	278°, 89%, 60%
HSV	278°, 75%, 96%
XYZ	35.9563, 19.2070, 87.4002
YIQ	116.8340, 9.5220, 80.7700

Conversions

Conversions Part 2

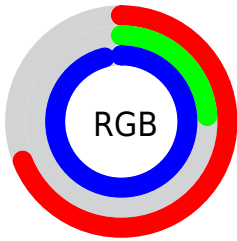
Format	Color
RYB	176, 62, 244
Decimal	11550452
CIELab	50.93, 73.13, -70.48
CIElCh	51, 101.565, 316.059
Yxy	19.2070, 0.2522, 0.1347
Android (android.graphics.Color)	4289740532 (0xFFB03EF4)
YUV	116.8340, 62.6928, 51.8886
Hunter-Lab	43.8258, 69.7526, -87.5618

Details

The YUV color **116.8340, 62.6928, 51.8886** 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 **189.1660, -62.6928, -51.8886**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.0740, 41.8685, 57.8171**, and **56.3010, 64.4346, 53.2330** is the 20% darker color. If you saturate the color by 10%, you get **100.0550, 70.9649, 58.7108**, and if you desaturate by 10%, it is **133.6130, 54.4208, 45.0664**.

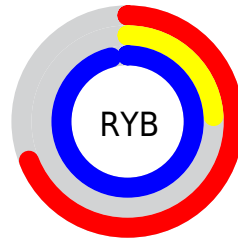
Distribution



Red (69%)

Green (24%)

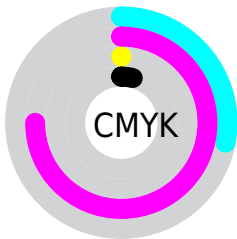
Blue (96%)



Red (69%)

Yellow (24%)

Blue (96%)

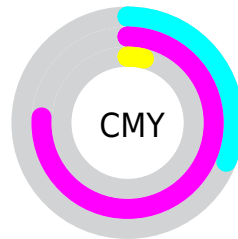


Cyan (28%)

Magenta (75%)

Yellow (0%)

Black (4%)



Cyan (31%)

Magenta (76%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.8340, 62.6928, 51.8886 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 116.8340, 62.6928, 51.8886 by changing the saturation by 10% instead.

■ 116.8340, 62.6928,
51.8886

■ 116.8340, 62.6928,
51.8886

255.0000, 0.0000,
0.0000

■ 84.0130, 64.5766,
54.3626

■ 170.0740, 41.8685,
57.8171

■ 56.3010, 64.4346,
53.2330

■ 192.7780, 30.6754,
54.5687

■ 44.1390, 56.6265,
37.5891

■ 209.2140, 22.5725,
40.1543

■ 31.7920, 49.4025,
21.2304

■ 226.2370, 14.1802,
25.2252

■ 18.6620, 43.0576,
2.9274

■ 243.8470, 5.4984,
9.7812

■ 9.1200, 34.9438,
-7.9982

■ 9.3190, 23.0137,

-8.1728

■ 5.0500, 14.2723,
-4.4289

■ 0.9120, 3.4944,
-0.7998

■ 116.8340, 62.6928,
51.8886

■ 116.8340, 62.6928,
51.8886

■ 100.0550, 70.9649,
58.7108

■ 133.6130, 54.4208,
45.0664

■ 82.6890, 79.5263,
66.0477

■ 150.9790, 45.8594,
37.7294

■ 73.5630, 84.0254,
69.6662

■ 167.7580, 37.5873,
30.9072

■ 185.1240, 29.0259,
23.5703

202.2020, 20.6064,
17.3628

218.9810, 12.3344,
10.5407

236.3470, 3.7729,
3.2037

251.9520, -3.9203,
-2.5889

253.7460, -4.8048,
1.0998

Harmonies

Analogous

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



98.3360, 77.2354, -86.2407



116.8340, 62.6928, 51.8886



93.3750, 35.8041, 136.4831

Triad

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



116.8340, 62.6928, 51.8886



114.5800, -56.4879, 58.2503



110.0230, 28.0897, -96.4902

Complementary

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



116.8340, 62.6928, 51.8886



189.1660, -62.6928, -51.8886

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.



97.8880, -10.7908, -85.8478



116.8340, 62.6928, 51.8886



108.5800, -53.5299, -4.0167

Square

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



116.8340, 62.6928, 51.8886



93.4570, -46.0743, 125.0102



85.7020, -42.2511, -75.1607



118.5560, 63.3229, -103.9736

Rectangle

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



116.8340, 62.6928, 51.8886



88.5570, 9.5854, 145.9705



85.7020, -42.2511, -75.1607



106.1300, 15.7119, -93.0760

Sweetspot

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



116.8340, 62.6928, 51.8886



215.8490, 19.3014, 15.9184



123.8380, 59.2399, -54.2319



104.1550, 11.7556, 9.5111



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.



116.8340, 62.6928, 51.8886



94.2760, 79.2369, 65.5329



134.7720, 43.4964, 95.7930



113.7600, 4.0623, 3.7185



56.1870, 63.9978, 53.3330



17.7890, 20.3170, 16.8480

Inverse Universe

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



124.1700, 2.8742, 105.0909



103.5740, 3.6610, 132.8006



171.2280, -43.4964, -95.7930



114.1580, 0.4151, 6.8774



63.5940, 3.1582, 107.3501



20.1490, 0.9125, 34.0723

Previews

White Background



This preview shows how the YUV color 116.8340, 62.6928, 51.8886 looks on a white background.

Color Contrast Check

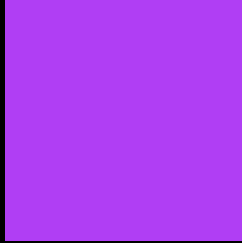
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 116.8340, 62.6928, 51.8886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

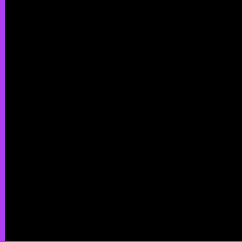
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 116.8340, 62.6928, 51.8886 Background



This preview shows how black text looks on a background with the YUV color 116.8340, 62.6928, 51.8886.



This preview shows how white text looks on a background with the YUV color 116.8340, 62.6928, 51.8886.

51.8886.

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

116.8340, 62.6928, 51.8886

Protanopia

96.9510, 74.4672, -85.0260

Deuteranopia

97.5260, 58.9007, -85.5303



Tritanopia

123.3670, -3.1389, 26.8651

Trichromacy



Original Color

116.8340, 62.6928, 51.8886



Protanomaly

104.2330, 70.3841, -35.2843



Deuteranomaly

104.3010, 60.4906, -35.3440



Tritanomaly

121.0240, 20.6942, 35.9360

Monochromacy



Original Color

116.8340, 62.6928, 51.8886



Achromatopsia

117.0000, 0.0000, 0.0000



Achromatomaly

116.7830, 22.7850, 18.6073

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.8340, 62.6928, 51.8886 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(176, 62, 244)` looks like.

```
.text, #text, p{  
    color:rgb(176, 62, 244)  
}
```

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(176, 62, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 62, 244) }
```

Border

The CSS property to change the border of an element to YUV 116.8340, 62.6928, 51.8886 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(176, 62, 244) }
```


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

```
.border{ border-color:rgb(176, 62, 244) }
```

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

Here you see how a box with a 4 pixel rgb(176, 62, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 62, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 62, 244);  
box-shadow:4px 4px 4px 4px rgb(176, 62,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 116.8340, 62.6928, 51.8886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 62, 244) }
```

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

```
.background{ background-color: rgb(176, 62,  
244) }
```

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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