

Converting Colors

YUV(113.1880, 62.5183,
61.2251)

Have a look what the booklet for
YUV(113.1880, 62.5183, 61.2251)
contains.

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Color

**YUV(113.1880, 62.5183,
61.2251)**

Conversions

Conversions Part 1

Format	Color
Hex	B735F0
RGB	183, 53, 240
RGB Percent	72%, 21%, 94%
CMY	0.2824, 0.7922, 0.0588
CMYK	0.24, 0.78, 0.00, 0.06
HSL	282°, 86%, 57%
HSV	282°, 78%, 94%
XYZ	36.5297, 18.9048, 84.1617
YIQ	113.1880, 17.4530, 85.7170

Conversions

Conversions Part 2

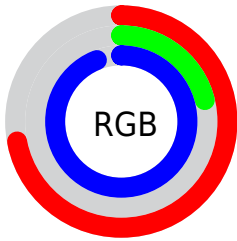
Format	Color
R _Y B	183, 53, 240
Decimal	12006896
CIE Lab	50.58, 76.57, -68.76
CIE LCh	51, 102.910, 318.074
Yxy	18.9048, 0.2617, 0.1354
Android (android.graphics.Color)	4290196976 (0xFFB735F0)
YUV	113.1880, 62.5183, 61.2251
Hunter-Lab	43.4796, 73.8788, -84.3296

Details

The YUV color **113.1880, 62.5183, 61.2251** 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 **179.8120, -62.5183, -61.2251**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.6450, 42.5730, 65.2093**, and **57.9380, 61.6556, 57.9364** is the 20% darker color. If you saturate the color by 10%, you get **97.0070, 70.4955, 69.2769**, and if you desaturate by 10%, it is **129.3690, 54.5411, 53.1734**.

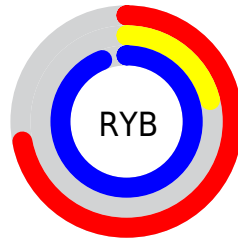
Distribution



Red (72%)

Green (21%)

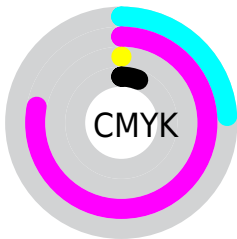
Blue (94%)



Red (72%)

Yellow (21%)

Blue (94%)

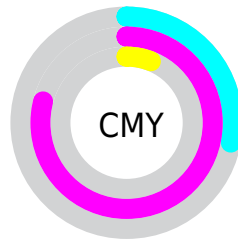


Cyan (24%)

Magenta (78%)

Yellow (0%)

Black (6%)



Cyan (28%)


Magenta (79%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the YUV color 113.1880, 62.5183, 61.2251 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 113.1880, 62.5183, 61.2251 by changing the saturation by 10% instead.


 113.1880, 62.5183,
61.2251


 113.1880, 62.5183,
61.2251


255.0000, 0.0000,
0.0000


 72.1490, 68.4535,
70.9063


 168.6450, 42.5730,
65.2093


 57.9380, 61.6556,
57.9364


 189.2560, 32.4118,
57.6575


 45.7760, 53.8474,
42.2924


 206.2790, 24.0195,
42.7283

 33.7280, 46.4761,
26.5485

 223.3020, 15.6271,
27.7991

 21.7940, 39.5416,
10.7047

 240.9120, 6.9454,
12.3552

 8.7780, 33.6334,
-7.6983

 8.9770, 21.7033,

-7.8728

■ 4.7080, 12.9620,
-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 113.1880, 62.5183,
61.2251

■ 113.1880, 62.5183,
61.2251

■ 97.0070, 70.4955,
69.2769

■ 129.3690, 54.5411,
53.1734

■ 80.5270, 78.6202,
76.7138

■ 145.8490, 46.4164,
45.7364

■ 77.2930, 80.2146,
78.6730

■ 162.0300, 38.4392,
37.6847

■ 178.2110, 30.4620,
29.6330

■ 194.6910, 22.3373,
22.1960

■ 210.8720, 14.3601,
14.1443

■ 227.0530, 6.3829,
6.0925

■ 243.5330, -1.7418,
-1.3444

■ 251.4960, -5.6675,
-2.1890

Harmonies

Analogous

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



96.5750, 78.1035, -84.6963



113.1880, 62.5183, 61.2251



93.4740, 32.3043, 139.0273

Triad

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



113.1880, 62.5183, 61.2251



113.3730, -55.8929, 54.0469



110.1200, 30.9998, -96.5752

Complementary

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



113.1880, 62.5183, 61.2251



179.8120, -62.5183, -61.2251

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.



97.8710, -8.3174, -85.8329



113.1880, 62.5183, 61.2251



106.1880, -52.3507, -8.9349

Square

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



113.1880, 62.5183, 61.2251



94.3210, -46.5003, 121.6215



85.7020, -42.2511, -75.1607



118.5390, 65.7963, -103.9587

Rectangle

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



113.1880, 62.5183, 61.2251



87.8730, 6.9646, 146.5704



85.7020, -42.2511, -75.1607



106.1130, 18.1853, -93.0611

Sweetspot

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



113.1880, 62.5183, 61.2251



214.9850, 19.7274, 19.3072



108.9510, 64.6072, -49.0690



103.5790, 12.0396, 11.7702



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.



113.1880, 62.5183, 61.2251



92.2930, 80.2146, 78.6730



126.3550, 39.2650, 99.6667



111.7600, 4.0623, 3.7185



59.2480, 61.5027, 60.2955



18.0450, 18.7118, 18.3775

Inverse Universe

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



115.4110, -2.6676, 109.2646



95.0820, -3.4914, 140.2481



166.6450, -39.2650, -99.6667



112.0440, -0.0217, 6.9774



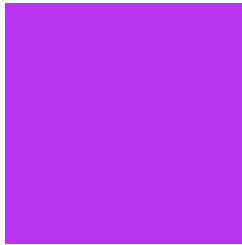
61.4000, -2.6622, 107.5202



18.6820, -0.8292, 32.7279

Previews

White Background



This preview shows how the YUV color 113.1880, 62.5183, 61.2251 looks on a white background.

Color Contrast Check

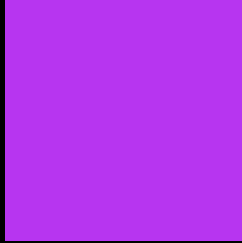
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.1880, 62.5183, 61.2251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

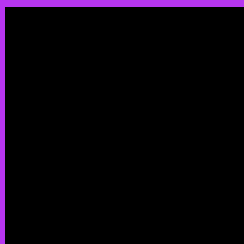
Any Text WCAG AA ✓ Pass

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 113.1880, 62.5183, 61.2251 Background



This preview shows how black text looks on a background with the YUV color 113.1880, 62.5183, 61.2251.



This preview shows how white text looks on a background with the YUV color 113.1880, 62.5183, 61.2251.

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

113.1880, 62.5183, 61.2251

Protanopia

96.1360, 73.8830, -84.3113

Deuteranopia

96.8250, 58.7533, -84.9155



Tritanopia

122.4390, -5.6394, 35.5720

Trichromacy



Original Color

113.1880, 62.5183, 61.2251

Protanomaly

102.4400, 69.7891, -31.0809

Deuteranomaly

103.2090, 60.0430, -31.7553

Tritanomaly

118.7370, 19.3567, 44.9577

Monochromacy



Original Color

113.1880, 62.5183, 61.2251

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.8050, 22.7741, 22.0960

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.1880, 62.5183, 61.2251 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(183, 53, 240)` looks like.

```
.text, #text, p{  
    color:rgb(183, 53, 240)  
}
```

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(183, 53, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 53, 240) }
```

Border

The CSS property to change the border of an element to YUV 113.1880, 62.5183, 61.2251 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(183, 53, 240) }
```


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

```
.border{ border-color:rgb(183, 53, 240) }
```

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

Here you see how a box with a 4 pixel rgb(183, 53, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 53, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 53, 240);  
box-shadow:4px 4px 4px 4px rgb(183, 53,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 113.1880, 62.5183, 61.2251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 53, 240) }
```

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

```
.background{ background-color: rgb(183, 53,  
240) }
```

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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