

Converting Colors

YUV(132.8180, 60.2357,
46.6406)

Have a look what the booklet for
YUV(132.8180, 60.2357, 46.6406)
contains.

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Color

**YUV(132.8180, 60.2357,
46.6406)**

Conversions

Conversions Part 1

Format	Color
Hex	BA52FF
RGB	186, 82, 255
RGB Percent	73%, 32%, 100%
CMY	0.2706, 0.6784, 0.0000
CMYK	0.27, 0.68, 0.00, 0.00
HSL	276°, 100%, 66%
HSV	276°, 68%, 100%
XYZ	41.3170, 23.6937, 97.0034
YIQ	132.8180, 6.4510, 75.8510

Conversions

Conversions Part 2

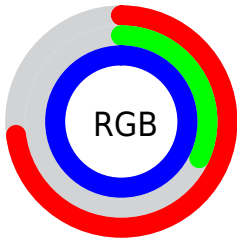
Format	Color
R _Y B	186, 82, 255
Decimal	12210943
CIE Lab	55.78, 69.37, -68.69
CIE LCh	56, 97.619, 315.282
Yxy	23.6937, 0.2550, 0.1462
Android (android.graphics.Color)	4290401023 (0xFFBA52FF)
YUV	132.8180, 60.2357, 46.6406
Hunter-Lab	48.6762, 66.3299, -84.0817

Details

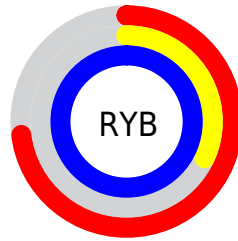
The YUV color **132.8180, 60.2357, 46.6406** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **204.1820, -60.2357, -46.6406**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.6300, 35.1854, 54.6985**, and **69.2360, 62.9877, 50.6590** is the 20% darker color. If you saturate the color by 10%, you get **115.1530, 68.9446, 53.3628**, and if you desaturate by 10%, it is **150.4830, 51.5269, 39.9184**.

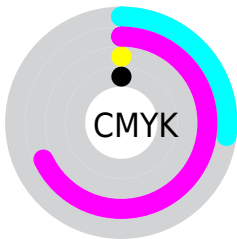
Distribution



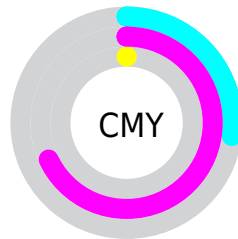
- Red (73%)
- Green (32%)
- Blue (100%)



- Red (73%)
- Yellow (32%)
- Blue (100%)



- Cyan (27%)
- Magenta (68%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (68%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.8180, 60.2357, 46.6406 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 132.8180, 60.2357, 46.6406 by changing the saturation by 10% instead.

132.8180, 60.2357,
46.6406

132.8180, 60.2357,
46.6406

255.0000, 0.0000,
0.0000

103.5190, 60.3831,
46.0258

183.6300, 35.1854,
54.6985

69.2360, 62.9877,
50.6590

202.7570, 25.7558,
45.8171

48.5680, 59.3730,
43.3519

219.7800, 17.3635,
30.8879

36.5200, 52.0016,
27.6080

236.8030, 8.9711,
15.9588

23.2760, 45.2199,
9.4049

254.4130, 0.2894,
0.5148

10.2600, 39.3118,
-8.9980

7.9970, 28.1025,

-7.0134

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 132.8180, 60.2357,
46.6406

■ 132.8180, 60.2357,
46.6406

■ 115.1530, 68.9446,
53.3628

■ 150.4830, 51.5269,
39.9184

■ 96.9010, 77.9428,
60.5998

■ 168.7350, 42.5286,
32.6814

■ 78.9370, 86.7991,
66.7073

■ 187.2860, 33.3830,
26.0592

■ 74.8170, 88.8302,
68.5665

■ 204.9510, 24.6742,
19.3370

■ 223.2030, 15.6759,
12.1000

■ 240.8680, 6.9671,
5.3778

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



105.9670, 73.4733, -92.9331



132.8180, 60.2357, 46.6406



96.6510, 40.5981, 138.8721

Triad

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



132.8180, 60.2357, 46.6406



125.5220, -61.8823, 61.8092



118.6800, 28.2588, -104.0824

Complementary

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



132.8180, 60.2357, 46.6406



204.1820, -60.2357, -46.6406

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.



106.7730, -9.7481, -93.6399



132.8180, 60.2357, 46.6406



120.7180, -59.5140, 2.0013

Square

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



132.8180, 60.2357, 46.6406



110.5570, -54.5046, 122.2915



92.7460, -45.7238, -81.3382



126.3980, 62.9078, -110.8510

Rectangle

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



132.8180, 60.2357, 46.6406



90.2670, 16.1374, 144.4708



92.7460, -45.7238, -81.3382



114.7870, 15.8810, -100.6682

Sweetspot

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



132.8180, 60.2357, 46.6406



219.0830, 17.7071, 13.9592



142.2250, 55.5981, -52.8173



105.9160, 10.8874, 7.9667



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.



132.8180, 60.2357, 46.6406



108.9730, 71.9913, 56.1517



151.5110, 42.6391, 90.7599



118.5750, 4.6465, 3.0037



56.1590, 66.4766, 51.6036



18.6580, 22.3536, 16.9629

Inverse Universe

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



141.5930, 4.6377, 99.4579



119.3550, 5.7410, 118.9607



185.4890, -42.6391, -90.7599



119.4570, 0.2677, 7.4922



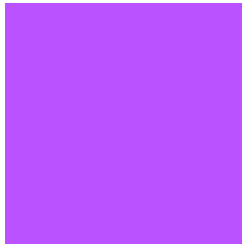
65.7730, 5.0419, 109.8241



21.9860, 1.4859, 36.8463

Previews

White Background



This preview shows how the YUV color 132.8180, 60.2357, 46.6406 looks on a white background.

Color Contrast Check

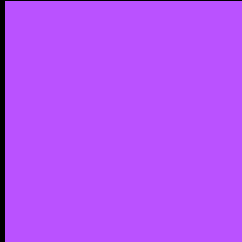
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.8180, 60.2357, 46.6406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

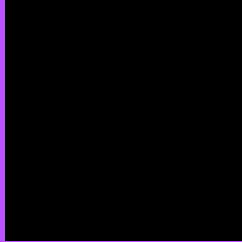
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 132.8180, 60.2357, 46.6406

Background



This preview shows how black text looks on a background with the YUV color 132.8180, 60.2357, 46.6406.



This preview shows how white text looks on a background with the YUV color 132.8180, 60.2357,

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

132.8180, 60.2357, 46.6406

Protanopia

123.6190, 64.7708, -54.9169

Deuteranopia

107.3060, 65.9111, -94.1074



Tritanopia

135.8830, -2.4073, 25.5356

Trichromacy



Original Color

132.8180, 60.2357, 46.6406



Protanomaly

127.0950, 63.0572, -18.5003



Deuteranomaly

116.4680, 63.8593, -42.5064



Tritanomaly

134.6000, 20.4102, 33.6768

Monochromacy



Original Color

132.8180, 60.2357, 46.6406



Achromatopsia

133.0000, 0.0000, 0.0000



Achromatomaly

132.5440, 21.9168, 17.0629

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.8180, 60.2357, 46.6406 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(186, 82, 255)` looks like.

```
.text, #text, p{  
    color:rgb(186, 82, 255)  
}
```

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(186, 82, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 82, 255) }
```

Border

The CSS property to change the border of an element to YUV 132.8180, 60.2357, 46.6406 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(186, 82, 255) }
```


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

```
.border{ border-color:rgb(186, 82, 255) }
```

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

Here you see how a box with a 4 pixel rgb(186, 82, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 82, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 82, 255);  
box-shadow:4px 4px 4px 4px rgb(186, 82,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 132.8180, 60.2357, 46.6406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 82, 255) }
```

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

```
.background{ background-color: rgb(186, 82,  
255) }
```

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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