

Converting Colors

YUV(131.2470, 22.5562,
45.3874)

Have a look what the booklet for
YUV(131.2470, 22.5562, 45.3874)
contains.

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Color

**YUV(131.2470, 22.5562,
45.3874)**

Conversions

Conversions Part 1

Format	Color
Hex	B760B1
RGB	183, 96, 177
RGB Percent	72%, 38%, 69%
CMY	0.2824, 0.6235, 0.3059
CMYK	0.00, 0.48, 0.03, 0.28
HSL	304°, 38%, 55%
HSV	304°, 48%, 72%
XYZ	31.6471, 21.6073, 44.0976
YIQ	131.2470, 25.8510, 43.6350

Conversions

Conversions Part 2

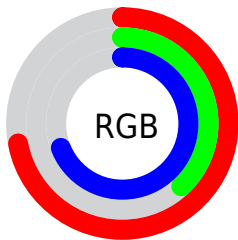
Format	Color
RYB	183, 96, 177
Decimal	12017841
CIELab	53.61, 46.52, -27.96
CIELCh	54, 54.274, 328.993
Yxy	21.6073, 0.3251, 0.2220
Android (android.graphics.Color)	4290207921 (0xFFB760B1)
YUV	131.2470, 22.5562, 45.3874
Hunter-Lab	46.4837, 40.1802, -23.7080

Details

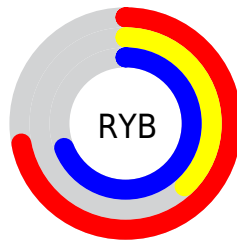
The YUV color **131.2470, 22.5562, 45.3874** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **147.7530, -22.5562, -45.3874**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.0840, 23.1296, 48.1613**, and **78.2360, 22.5617, 43.6430** is the 20% darker color. If you saturate the color by 10%, you get **120.5670, 27.3285, 54.7537**, and if you desaturate by 10%, it is **141.9270, 17.7840, 36.0210**.

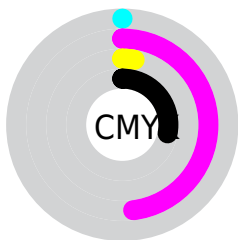
Distribution



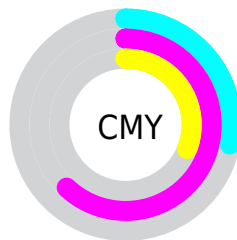
- Red (72%)
- Green (38%)
- Blue (69%)



- Red (72%)
- Yellow (38%)
- Blue (69%)



- Cyan (0%)
- Magenta (48%)
- Yellow (3%)
- Black (28%)




- Cyan (28%)
- Magenta (62%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the YUV color 131.2470, 22.5562, 45.3874 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 131.2470, 22.5562, 45.3874 by changing the saturation by 10% instead.


 131.2470, 22.5562,
45.3874


 131.2470, 22.5562,
45.3874


255.0000, 0.0000,
0.0000


 104.5350, 22.4142,
44.2578


 186.0840, 23.1296,
48.1613

 78.2360, 22.5617,
43.6430


 209.2140, 22.5725,
40.1543

 49.1160, 24.5928,
45.5023

 225.6500, 14.4696,
25.7400

 30.9750, 21.7043,
38.6099

 242.6730, 6.0772,
10.8108

 21.1770, 15.1957,
26.1548

 10.5960, 9.5662,
11.7553

 0.0000, 0.0000,

0.0000

■ 131.2470, 22.5562,
45.3874

■ 131.2470, 22.5562,
45.3874

■ 120.5670, 27.3285,
54.7537

■ 141.9270, 17.7840,
36.0210

■ 109.1860, 31.9533,
64.7349

■ 153.3080, 13.1592,
26.0399

■ 98.5060, 36.7255,
74.1012

■ 163.9880, 8.3869,
16.6735

■ 87.8260, 41.4978,
83.4676

■ 174.6680, 3.6147,
7.3072

■ 77.1460, 46.2700,
92.8340

■ 185.3480, -1.1576,
-2.0592

■ 74.0970, 47.2802,
95.5079

■ 196.7290, -5.7824,
-12.0403

■ 207.4090,
-10.5546, -21.4067

■ 218.0890,
-15.3269, -30.7731

■ 225.8340,
-18.6522, -37.5654

Harmonies

Analogous

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



129.4070, 39.7323, -3.8649



131.2470, 22.5562, 45.3874



127.1460, 2.3930, 72.6630

Triad

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



131.2470, 22.5562, 45.3874



121.7440, -48.6808, 27.4115



107.6580, 31.7206, -94.4161

Complementary

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



131.2470, 22.5562, 45.3874



147.7530, -22.5562, -45.3874

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.



102.3000, 11.1911, -89.7171



131.2470, 22.5562, 45.3874



117.9180, -39.3996, -9.5751

Square

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



131.2470, 22.5562, 45.3874



124.6780, -38.2953, 56.4104



105.5320, -14.0663, -61.8566



108.8270, 48.8923, -95.4413

Rectangle

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



131.2470, 22.5562, 45.3874



124.9820, -12.3161, 77.1918



105.5320, -14.0663, -61.8566



105.9480, 25.1686, -92.9164

Sweetspot

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



131.2470, 22.5562, 45.3874



217.4010, 8.6763, 17.1883



107.7120, 37.1170, -5.0094



107.4450, 5.2036, 11.0107



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



131.2470, 22.5562, 45.3874



156.7290, 35.1366, 70.3977



126.3450, 3.7739, 49.6864



86.6030, 2.1677, 4.7332



63.1740, 40.3402, 81.4084



11.3360, 7.2294, 14.6143

Inverse Universe

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



131.2470, 22.5562, 45.3874



156.7290, 35.1366, 70.3977



152.6550, -3.7739, -49.6864



86.6030, 2.1677, 4.7332



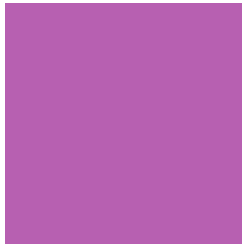
63.1740, 40.3402, 81.4084



11.3360, 7.2294, 14.6143

Previews

White Background



This preview shows how the YUV color 131.2470, 22.5562, 45.3874 looks on a white background.

Color Contrast Check

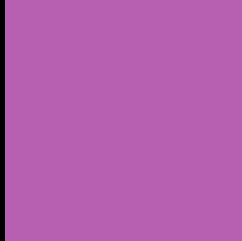
Large Text (above 18pt) WCAG AA ✓ Pass

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 131.2470, 22.5562, 45.3874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

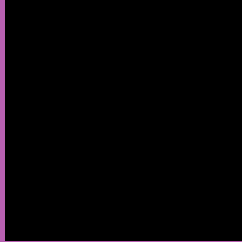
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 131.2470, 22.5562, 45.3874

Background



This preview shows how black text looks on a background with the YUV color 131.2470, 22.5562, 45.3874.



This preview shows how white text looks on a background with the YUV color 131.2470, 22.5562, 45.3874.

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

131.2470, 22.5562, 45.3874

Protanopia

127.0750, 36.4450, -22.8678

Deuteranopia

129.1400, 21.1300, -10.6468



Tritanopia

130.6460, -6.2345, 39.7755

Trichromacy



Original Color

131.2470, 22.5562, 45.3874



Protanomaly

128.5620, 31.2749, 2.1381



Deuteranomaly

130.0870, 21.6491, 9.5707



Tritanomaly

131.0020, 3.9430, 42.0942

Monochromacy



Original Color

131.2470, 22.5562, 45.3874



Achromatopsia

131.0000, 0.0000, 0.0000



Achromatomaly

130.9880, 8.3869, 16.6735

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.2470, 22.5562, 45.3874 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, 96, 177)` looks like.

```
.text, #text, p{  
    color:rgb(183, 96, 177)  
}
```

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, 96, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 96, 177) }
```

Border

The CSS property to change the border of an element to YUV 131.2470, 22.5562, 45.3874 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, 96, 177) }
```


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

```
.border{ border-color:rgb(183, 96, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 96, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 96, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 96, 177);  
box-shadow:4px 4px 4px 4px rgb(183, 96,  
177) }
```

Background

The CSS property to change the background color of an element to YUV 131.2470, 22.5562, 45.3874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 96, 177) }
```

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

```
.background{ background-color: rgb(183, 96,  
177) }
```

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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