

Converting Colors

YUV(121.4460, 30.8391,
48.7209)

Have a look what the booklet for
YUV(121.4460, 30.8391, 48.7209)
contains.

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Color

**YUV(121.4460, 30.8391,
48.7209)**

Conversions

Conversions Part 1

Format	Color
Hex	B151B8
RGB	177, 81, 184
RGB Percent	69%, 32%, 72%
CMY	0.3059, 0.6824, 0.2784
CMYK	0.04, 0.56, 0.00, 0.28
HSL	296°, 42%, 52%
HSV	296°, 56%, 72%
XYZ	29.7256, 18.6927, 47.3887
YIQ	121.4460, 24.1530, 52.3850

Conversions

Conversions Part 2

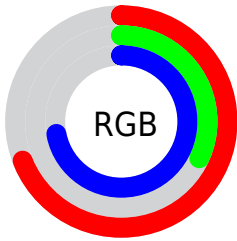
Format	Color
RYB	177, 81, 184
Decimal	11620792
CIELab	50.33, 53.50, -37.21
CIELCh	50, 65.172, 325.182
Yxy	18.6927, 0.3103, 0.1951
Android (android.graphics.Color)	4289810872 (0xFFB151B8)
YUV	121.4460, 30.8391, 48.7209
Hunter-Lab	43.2350, 47.0639, -34.7217

Details

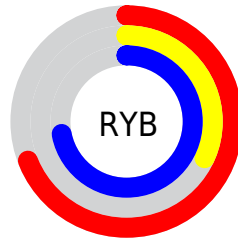
The YUV color **121.4460, 30.8391, 48.7209** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **143.5540, -30.8391, -48.7209**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.8700, 31.1231, 50.9800**, and **65.3860, 31.8547, 49.6505** is the 20% darker color. If you saturate the color by 10%, you get **110.5810, 36.1956, 57.3725**, and if you desaturate by 10%, it is **132.3110, 25.4827, 40.0693**.

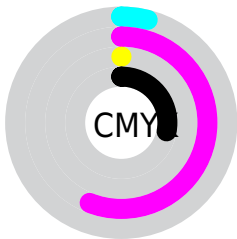
Distribution



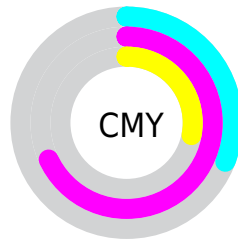
- Red (69%)
- Green (32%)
- Blue (72%)



- Red (69%)
- Yellow (32%)
- Blue (72%)



- Cyan (4%)
- Magenta (56%)
- Yellow (0%)
- Black (28%)



- Cyan (31%)
- Magenta (68%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.4460, 30.8391, 48.7209 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 121.4460, 30.8391, 48.7209 by changing the saturation by 10% instead.

121.4460, 30.8391,
48.7209

121.4460, 30.8391,
48.7209

255.0000, 0.0000,
0.0000

94.1470, 30.9865,
48.1061

176.8700, 31.1231,
50.9800

65.3860, 31.8547,
49.6505

200.4090, 26.9134,
47.8763

40.3750, 31.8601,
47.9061

216.8450, 18.8104,
33.4619

29.4520, 24.9202,
33.8066

233.8680, 10.4181,
18.5328

20.2520, 18.1168,
22.5810

250.8910, 2.0257,
3.6036

5.6700, 13.9667,
0.2894

0.9120, 3.4944,

-0.7998

■ 0.0000, 0.0000,
0.0000

■ 121.4460, 30.8391,
48.7209

■ 121.4460, 30.8391,
48.7209

■ 110.5810, 36.1956,
57.3725

■ 132.3110, 25.4827,
40.0693

■ 98.8300, 41.9888,
65.9241

■ 144.0620, 19.6894,
31.5176

■ 87.9650, 47.3453,
74.5757

■ 154.9270, 14.3330,
22.8660

■ 76.5130, 52.9911,
83.7421

■ 166.3790, 8.6872,
13.6996

■ 72.1050, 55.1642,
86.7309

■ 177.2440, 3.3307,
5.0480

■ 188.4080, -2.1731,
-2.9888

■ 199.8600, -7.8190,
-12.1552

■ 210.7250,
-13.1754, -20.8068

■ 222.1770,
-18.8213, -29.9732

Harmonies

Analogous

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



118.1800, 50.6903, -18.5749



121.4460, 30.8391, 48.7209



112.3680, 9.1856, 87.3773

Triad

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



121.4460, 30.8391, 48.7209



112.3660, -55.3964, 34.7590



103.4520, 30.8362, -90.7274

Complementary

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



121.4460, 30.8391, 48.7209



143.5540, -30.8391, -48.7209

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.



96.9540, 5.9387, -85.0287



121.4460, 30.8391, 48.7209



105.9110, -52.2141, -6.0609

Square

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



121.4460, 30.8391, 48.7209



112.8600, -44.3010, 69.4058



87.9940, -18.2380, -77.1707



106.2340, 51.6496, -93.1672

Rectangle

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



121.4460, 30.8391, 48.7209



110.2320, -8.0024, 93.6355



87.9940, -18.2380, -77.1707



101.8730, 22.2476, -89.3426

Sweetspot

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



121.4460, 30.8391, 48.7209



215.0360, 12.3073, 19.2624



98.0250, 42.3857, -14.9309



105.3140, 7.2402, 11.1256



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.



121.4460, 30.8391, 48.7209



142.2040, 48.2134, 76.1201



118.6370, 11.0250, 57.3234



86.4180, 2.7519, 4.0184



61.1390, 46.7665, 73.5461



10.9660, 8.3978, 13.1848

Inverse Universe

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



112.5950, -12.1253, 62.6222



128.3930, -18.9277, 97.8793



146.3630, -11.0250, -57.3234



85.6910, -1.3267, 5.5330



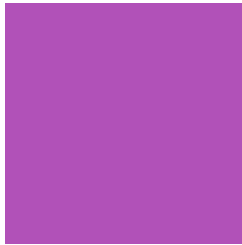
47.8980, -18.1907, 94.8055



8.6000, -3.2538, 17.0138

Previews

White Background



This preview shows how the YUV color 121.4460, 30.8391, 48.7209 looks on a white background.

Color Contrast Check

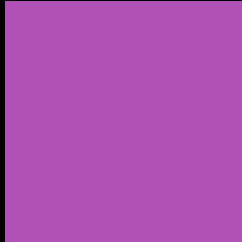
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.4460, 30.8391, 48.7209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

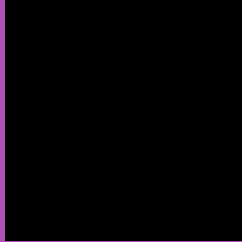
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 121.4460, 30.8391, 48.7209

Background



This preview shows how black text looks on a background with the YUV color 121.4460, 30.8391, 48.7209.



This preview shows how white text looks on a background with the YUV color 121.4460, 30.8391, 48.7209.

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

121.4460, 30.8391, 48.7209

Protanopia

114.9450, 50.3131, -37.6628

Deuteranopia

118.7350, 28.7246, -19.9386



Tritanopia

121.5320, -6.6713, 39.8754

Trichromacy



Original Color

121.4460, 30.8391, 48.7209

Protanomaly

117.3080, 43.2322, -6.4091

Deuteranomaly

119.5300, 29.8117, 4.7972

Tritanomaly

121.8110, 6.9952, 43.1388

Monochromacy



Original Color

121.4460, 30.8391, 48.7209

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.7970, 11.4391, 17.7180

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.4460, 30.8391, 48.7209 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(177, 81, 184)` looks like.

```
.text, #text, p{  
    color:rgb(177, 81, 184)  
}
```

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(177, 81, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 81, 184) }
```

Border

The CSS property to change the border of an element to YUV 121.4460, 30.8391, 48.7209 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(177, 81, 184) }
```


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

```
.border{ border-color:rgb(177, 81, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 81, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 81, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 81, 184);  
box-shadow:4px 4px 4px 4px rgb(177, 81,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 121.4460, 30.8391, 48.7209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 81, 184) }
```

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

```
.background{ background-color: rgb(177, 81,  
184) }
```

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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