

Converting Colors

YUV(130.8560, 22.2560,
48.3613)

Have a look what the booklet for
YUV(130.8560, 22.2560, 48.3613)
contains.

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Color

**YUV(130.8560, 22.2560,
48.3613)**

Conversions

Conversions Part 1

Format	Color
Hex	BA5EB0
RGB	186, 94, 176
RGB Percent	73%, 37%, 69%
CMY	0.2706, 0.6314, 0.3098
CMYK	0.00, 0.49, 0.05, 0.27
HSL	307°, 40%, 55%
HSV	307°, 49%, 73%
XYZ	32.0889, 21.5791, 43.5482
YIQ	130.8560, 28.5100, 45.0060

Conversions

Conversions Part 2

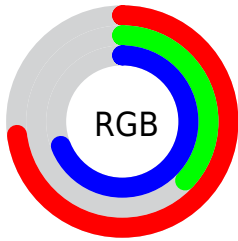
Format	Color
R _Y B	186, 94, 176
Decimal	12213936
CIE Lab	53.58, 48.25, -27.39
CIE LCh	54, 55.488, 330.416
Yxy	21.5791, 0.3301, 0.2220
Android (android.graphics.Color)	4290404016 (0xFFBA5EB0)
YUV	130.8560, 22.2560, 48.3613
Hunter-Lab	46.4533, 42.0104, -23.0648

Details

The YUV color **130.8560, 22.2560, 48.3613** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **149.1440, -22.2560, -48.3613**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.2800, 22.5400, 50.6204**, and **77.2580, 22.5508, 47.1317** is the 20% darker color. If you saturate the color by 10%, you get **119.4750, 26.8808, 58.3424**, and if you desaturate by 10%, it is **142.2370, 17.6312, 38.3802**.

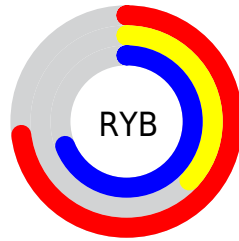
Distribution



Red (73%)

Green (37%)

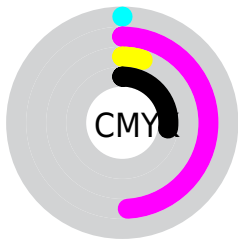
Blue (69%)



Red (73%)

Yellow (37%)

Blue (69%)

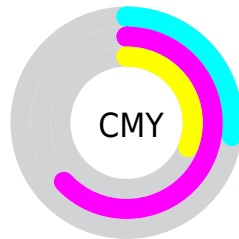


Cyan (0%)

Magenta (49%)

Yellow (5%)

Black (27%)



Cyan (27%)


Magenta (63%)


Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.8560, 22.2560, 48.3613 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 130.8560, 22.2560, 48.3613 by changing the saturation by 10% instead.


 130.8560, 22.2560,
48.3613


 130.8560, 22.2560,
48.3613


255.0000, 0.0000,
0.0000


 104.1440, 22.1140,
47.2317


 186.2800, 22.5400,
50.6204


 77.2580, 22.5508,
47.1317


 208.0400, 23.1513,
41.1839

 46.3770, 25.4501,
50.5354

 224.4760, 15.0483,
26.7695

 31.7580, 20.8253,
40.5542

 241.4990, 6.6560,
11.8404

 21.6610, 14.4641,
27.4843

 11.0800, 8.8346,
13.0848

 0.0000, 0.0000,

0.0000

■ 130.8560, 22.2560,
48.3613

■ 130.8560, 22.2560,
48.3613

■ 119.4750, 26.8808,
58.3424

■ 142.2370, 17.6312,
38.3802

■ 108.6810, 31.2163,
67.8088

■ 153.0310, 13.2957,
28.9138

■ 97.3000, 35.8411,
77.7899

■ 164.4120, 8.6709,
18.9327

■ 86.5060, 40.1765,
87.2562

■ 175.2060, 4.3354,
9.4663

■ 75.1250, 44.8014,
97.2374

■ 186.5870, -0.2894,
-0.5148

■ 74.5380, 45.0908,
97.7522

■ 197.9680, -4.9142,
-10.4959

■ 208.7620, -9.2497,
-19.9623

■ 220.1430,
-13.8745, -29.9434

■ 227.4150,
-16.4736, -36.3210

Harmonies

Analogous

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



129.8310, 40.0163, -1.6058



130.8560, 22.2560, 48.3613



126.2280, 1.3666, 75.2220

Triad

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



130.8560, 22.2560, 48.3613



121.4620, -51.0068, 26.7818



108.0000, 33.0310, -94.7160

Complementary

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



130.8560, 22.2560, 48.3613



149.1440, -22.2560, -48.3613

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.



102.5280, 12.0647, -89.9171



130.8560, 22.2560, 48.3613



116.9070, -39.3942, -11.3194

Square

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



130.8560, 22.2560, 48.3613



124.8090, -40.3318, 56.2955



101.1610, -11.4184, -71.1782



109.1690, 50.2027, -95.7412

Rectangle

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



130.8560, 22.2560, 48.3613



124.4660, -13.0477, 78.5213



101.1610, -11.4184, -71.1782



106.8770, 26.1896, -93.7311

Sweetspot

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



130.8560, 22.2560, 48.3613



220.4120, 8.6709, 18.9327



107.1790, 38.8588, -3.6650



108.8580, 5.4930, 11.5255



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



130.8560, 22.2560, 48.3613



156.3490, 34.8309, 75.1159



125.7260, 2.6001, 52.8603



86.6030, 2.1677, 4.7332



62.4900, 37.7194, 82.0083



11.2220, 6.7926, 14.7143

Inverse Universe

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



130.8560, 22.2560, 48.3613



156.3490, 34.8309, 75.1159



154.2740, -2.6001, -52.8603



86.6030, 2.1677, 4.7332



62.4900, 37.7194, 82.0083



11.2220, 6.7926, 14.7143

Previews

White Background



This preview shows how the YUV color 130.8560, 22.2560, 48.3613 looks on a white background.

Color Contrast Check

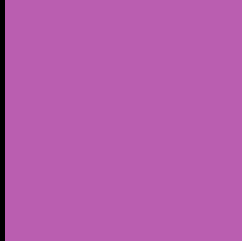
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.8560, 22.2560, 48.3613 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

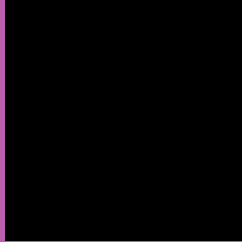
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 130.8560, 22.2560, 48.3613

Background



This preview shows how black text looks on a background with the YUV color 130.8560, 22.2560, 48.3613.



This preview shows how white text looks on a background with the YUV color 130.8560, 22.2560,

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

130.8560, 22.2560, 48.3613

Protanopia

126.8900, 37.0292, -23.5825

Deuteranopia

128.6240, 20.3984, -9.3172



Tritanopia

130.1410, -6.9715, 42.8493

Trichromacy



Original Color

130.8560, 22.2560, 48.3613



Protanomaly

128.0890, 32.0011, 2.5529



Deuteranomaly

129.2830, 21.0595, 12.0298



Tritanomaly

130.6110, 3.6428, 45.0682

Monochromacy



Original Color

130.8560, 22.2560, 48.3613



Achromatopsia

131.0000, 0.0000, 0.0000



Achromatomaly

131.1730, 7.8027, 17.3883

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.8560, 22.2560, 48.3613 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, 94, 176)` looks like.

```
.text, #text, p{  
    color:rgb(186, 94, 176)  
}
```

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, 94, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 94, 176) }
```

Border

The CSS property to change the border of an element to YUV 130.8560, 22.2560, 48.3613 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, 94, 176) }
```


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

```
.border{ border-color:rgb(186, 94, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 94, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 94, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 94, 176);  
box-shadow:4px 4px 4px 4px rgb(186, 94,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 130.8560, 22.2560, 48.3613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 94, 176) }
```

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

```
.background{ background-color: rgb(186, 94,  
176) }
```

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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