

Converting Colors

YUV(175.8730, 12.8806,
22.0364)

Have a look what the booklet for
YUV(175.8730, 12.8806, 22.0364)
contains.

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Color

**YUV(175.8730, 12.8806,
22.0364)**

Conversions

Conversions Part 1

Format	Color
Hex	C99ECA
RGB	201, 158, 202
RGB Percent	79%, 62%, 79%
CMY	0.2118, 0.3804, 0.2078
CMYK	0.00, 0.22, 0.00, 0.21
HSL	299°, 29%, 71%
HSV	299°, 22%, 79%
XYZ	46.9749, 41.1355, 61.3412
YIQ	175.8730, 11.5040, 22.8000

Conversions

Conversions Part 2

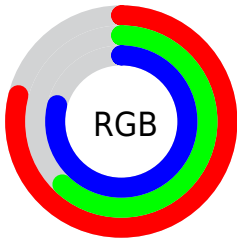
Format	Color
R_{YB}	201, 158, 202
Decimal	13213386
CIE _{Lab}	70.27, 23.46, -16.44
CIE _{LCh}	70, 28.647, 324.982
Yxy	41.1355, 0.3143, 0.2752
Android (android.graphics.Color)	4291403466 (0xFFC99ECA)
YUV	175.8730, 12.8806, 22.0364
Hunter-Lab	64.1370, 18.4965, -11.8097

Details

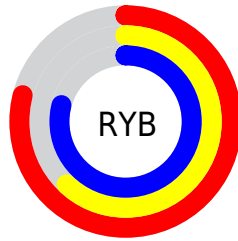
The YUV color **175.8730, 12.8806, 22.0364** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **184.1270, -12.8806, -22.0364**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.3460, 12.1544, 21.6216**, and **123.0470, 12.3018, 21.0068** is the 20% darker color. If you saturate the color by 10%, you get **164.1330, 18.6684, 32.3324**, and if you desaturate by 10%, it is **187.6130, 7.0928, 11.7404**.

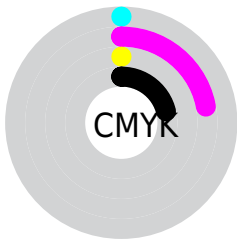
Distribution



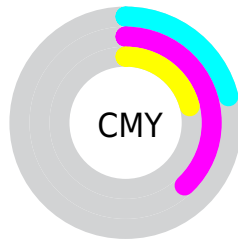
- Red (79%)
- Green (62%)
- Blue (79%)



- Red (79%)
- Yellow (62%)
- Blue (79%)



- Cyan (0%)
- Magenta (22%)
- Yellow (0%)
- Black (21%)




- Cyan (21%)
- Magenta (38%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the YUV color 175.8730, 12.8806, 22.0364 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 175.8730, 12.8806, 22.0364 by changing the saturation by 10% instead.


 175.8730, 12.8806,
22.0364

 175.8730, 12.8806,
22.0364


255.0000, 0.0000,
0.0000

 149.1610, 12.7386,
20.9068


 230.3460, 12.1544,
21.6216


 123.0470, 12.3018,
21.0068

 246.7820, 4.0515,
7.2072

 97.9220, 11.8705,
19.3624

 73.5090, 11.5811,
18.8476

 50.6830, 11.0023,
17.8180

 28.3840, 11.1497,
17.2032

 12.3900, 8.6817,

15.4440

■ 0.0000, 0.0000,
0.0000

■ 175.8730, 12.8806,
22.0364

■ 175.8730, 12.8806,
22.0364

■ 164.1330, 18.6684,
32.3324

■ 187.6130, 7.0928,
11.7404

■ 152.0940, 24.6037,
42.0136

■ 199.6520, 1.1576,
2.0592

■ 139.7670, 30.6809,
52.8243

■ 211.9790, -4.9196,
-8.7516

■ 127.7280, 36.6161,
62.5055

■ 224.0180,
-10.8549, -18.4328

■ 115.9880, 42.4039,
72.8015

■ 233.4100,
-15.4851, -26.6696

■ 103.9490, 48.3391,
82.4827

■ 233.7090,
-15.6325, -26.0548

■ 92.2090, 54.1270,
92.7787

■ 234.0080,
-15.7799, -25.4400

■ 81.9310, 59.1940,
100.9155

Harmonies

Analogous

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



173.8250, 22.2713, -3.3545



175.8730, 12.8806, 22.0364



175.7690, 0.6069, 38.7906

Triad

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



175.8730, 12.8806, 22.0364



170.8890, -25.0883, 20.2683



158.3930, 17.0613, -59.1037

Complementary

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



175.8730, 12.8806, 22.0364



184.1270, -12.8806, -22.0364

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.



160.6970, 2.6144, -45.3383



175.8730, 12.8806, 22.0364



168.2670, -21.8236, -0.2342

Square

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



175.8730, 12.8806, 22.0364



173.0250, -21.2113, 36.8121



164.7570, -11.7122, -23.4659



161.1300, 26.0649, -53.6110

Rectangle

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



175.8730, 12.8806, 22.0364



175.0270, -7.4083, 42.9493



164.7570, -11.7122, -23.4659



158.5630, 12.5404, -55.7448

Sweetspot

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



175.8730, 12.8806, 22.0364



244.4340, 5.2090, 9.2664



163.6030, 18.9297, -4.9138



121.2440, 3.3307, 5.0480



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.



175.8730, 12.8806, 22.0364



215.6600, 19.3946, 32.7472



173.7780, 3.5604, 24.7507



96.1300, 2.8939, 5.1480



67.3620, 48.6285, 82.9975



15.3950, 11.1443, 18.9476

Inverse Universe

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



171.2700, -6.0491, 26.9502



208.8480, -9.2921, 40.4753



186.2220, -3.5604, -24.7507



94.9900, -1.4741, 6.1478



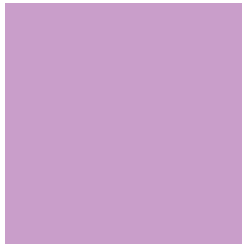
50.0900, -22.7224, 101.6531



11.4760, -5.1647, 23.2615

Previews

White Background



This preview shows how the YUV color 175.8730, 12.8806, 22.0364 looks on a white background.

Color Contrast Check

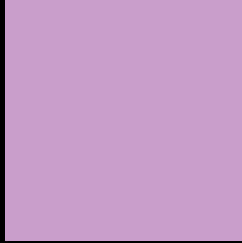
Large Text (above 18pt) WCAG AA × Fail

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 175.8730, 12.8806, 22.0364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

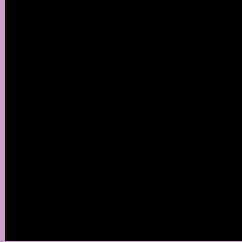
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 175.8730, 12.8806, 22.0364 Background



This preview shows how black text looks on a background with the YUV color 175.8730, 12.8806, 22.0364.



This preview shows how white text looks on a background with the YUV color 175.8730, 12.8806,

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

175.8730, 12.8806, 22.0364

Protanopia

172.4670, 18.5038, -8.3026

Deuteranopia

173.7410, 12.9457, 1.1041



Tritanopia

174.5340, 0.2297, 19.7027

Trichromacy



Original Color

175.8730, 12.8806, 22.0364

Protanomaly

173.9630, 16.2872, 2.6634

Deuteranomaly

174.1980, 13.2134, 8.5964

Tritanomaly

174.7990, 5.0291, 20.3473

Monochromacy



Original Color

175.8730, 12.8806, 22.0364

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

175.6080, 4.6303, 8.2368

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.8730, 12.8806, 22.0364 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(201, 158, 202)` looks like.

```
.text, #text, p{  
    color:rgb(201, 158, 202)  
}
```

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(201, 158, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 158, 202) }
```

Border

The CSS property to change the border of an element to YUV 175.8730, 12.8806, 22.0364 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(201, 158, 202) }
```


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

```
.border{ border-color:rgb(201, 158, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 158, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 158, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 158, 202);  
box-shadow:4px 4px 4px 4px rgb(201, 158,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 175.8730, 12.8806, 22.0364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 158, 202) }
```

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

```
.background{ background-color: rgb(201,  
158, 202) }
```

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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