

Converting Colors

YUV(174.6450, 12.0070,
22.2363)

Have a look what the booklet for
YUV(174.6450, 12.0070, 22.2363)
contains.

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Color

**YUV(174.6450, 12.0070,
22.2363)**

Conversions

Conversions Part 1

Format	Color
Hex	C89DC7
RGB	200, 157, 199
RGB Percent	78%, 62%, 78%
CMY	0.2157, 0.3843, 0.2196
CMYK	0.00, 0.21, 0.00, 0.22
HSL	301°, 28%, 70%
HSV	301°, 21%, 78%
XYZ	46.1852, 40.5168, 59.4191
YIQ	174.6450, 12.1460, 22.1780

Conversions

Conversions Part 2

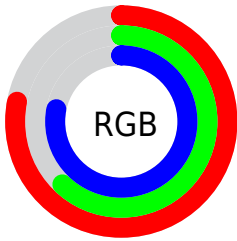
Format	Color
RYB	200, 157, 199
Decimal	13147591
CIELab	69.84, 23.11, -15.44
CIElCh	70, 27.793, 326.241
Yxy	40.5168, 0.3161, 0.2773
Android (android.graphics.Color)	4291337671 (0xFFC89DC7)
YUV	174.6450, 12.0070, 22.2363
Hunter-Lab	63.6528, 18.1235, -10.7895

Details

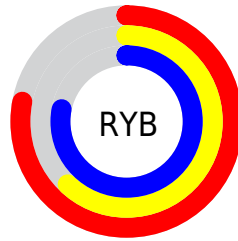
The YUV color **174.6450, 12.0070, 22.2363** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **182.3550, -12.0070, -22.2363**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.7590, 12.4438, 22.1364**, and **121.8190, 11.4282, 21.2067** is the 20% darker color. If you saturate the color by 10%, you get **162.9050, 17.7948, 32.5323**, and if you desaturate by 10%, it is **186.3850, 6.2192, 11.9404**.

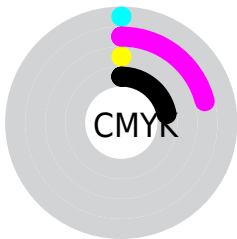
Distribution



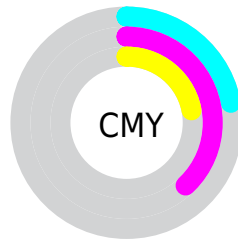
- Red (78%)
- Green (62%)
- Blue (78%)



- Red (78%)
- Yellow (62%)
- Blue (78%)



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





- Cyan (22%)
- Magenta (38%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YUV color 174.6450, 12.0070, 22.2363 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 174.6450, 12.0070, 22.2363 by changing the saturation by 10% instead.


 174.6450, 12.0070,
22.2363


 174.6450, 12.0070,
22.2363


255.0000, 0.0000,
0.0000


 147.9330, 11.8650,
21.1068


 229.7590, 12.4438,
22.1364


 121.8190, 11.4282,
21.2067

 246.1950, 4.3409,
7.7220

 96.9930, 10.8495,
20.1771

 72.3950, 11.1443,
18.9476

 49.5690, 10.5655,
17.9180

 27.1560, 10.2761,
17.4032

 11.8630, 7.9555,

15.0291

■ 0.0000, 0.0000,
0.0000

■ 174.6450, 12.0070,
22.2363

■ 174.6450, 12.0070,
22.2363

■ 162.9050, 17.7948,
32.5323

■ 186.3850, 6.2192,
11.9404

■ 151.0510, 23.1459,
42.9283

■ 198.2390, 0.8682,
1.5444

■ 139.3110, 28.9337,
53.2243

■ 209.9790, -4.9196,
-8.7516

■ 127.4570, 34.2847,
63.6202

■ 221.8330,
-10.2707, -19.1475

■ 115.7170, 40.0725,
73.9162

■ 232.3990,
-15.4797, -28.4139

■ 103.8630, 45.4235,
84.3121

■ 232.5130,
-15.0429, -28.5139

■ 92.1230, 51.2114,
94.6081

■ 232.6270,
-14.6061, -28.6139

■ 82.0300, 55.6942,
103.4597

Harmonies

Analogous

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



172.3090, 21.5397, -2.0250



174.6450, 12.0070, 22.2363



174.3560, 0.3175, 38.2758

Triad

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



174.6450, 12.0070, 22.2363



169.7040, -24.5041, 19.5536



157.7030, 16.9084, -56.7445

Complementary

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



174.6450, 12.0070, 22.2363



182.3550, -12.0070, -22.2363

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.



160.1100, 2.9038, -44.8235



174.6450, 12.0070, 22.2363



166.8970, -20.6552, -1.6637

Square

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



174.6450, 12.0070, 22.2363



172.1280, -20.7691, 34.9677



163.6860, -10.6912, -24.2806



161.2120, 25.0385, -51.0519

Rectangle

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



174.6450, 12.0070, 22.2363



173.6140, -7.6977, 42.4345



163.6860, -10.6912, -24.2806



158.2750, 12.6824, -54.6152

Sweetspot

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



174.6450, 12.0070, 22.2363



246.1950, 4.3409, 7.7220



162.2010, 18.6349, -3.6843



122.6030, 2.1677, 4.7332



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.



174.6450, 12.0070, 22.2363



216.0300, 18.2262, 34.1767



172.2510, 2.8343, 24.3359



93.7170, 2.6045, 4.6332



66.8630, 45.4235, 84.3121



14.7540, 9.9813, 18.6327

Inverse Universe

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



174.6450, 12.0070, 22.2363



216.0300, 18.2262, 34.1767



184.7490, -2.8343, -24.3359



93.7170, 2.6045, 4.6332



66.8630, 45.4235, 84.3121



14.7540, 9.9813, 18.6327

Previews

White Background



This preview shows how the YUV color 174.6450, 12.0070, 22.2363 looks on a white background.

Color Contrast Check

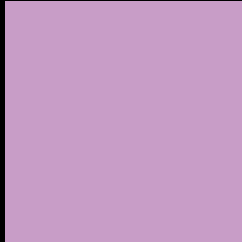
Large Text (above 18pt) WCAG AA × Fail

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 174.6450, 12.0070, 22.2363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

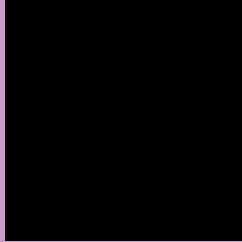
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 174.6450, 12.0070, 22.2363

Background



This preview shows how black text looks on a background with the YUV color 174.6450, 12.0070, 22.2363.



This preview shows how white text looks on a background with the YUV color 174.6450, 12.0070,

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

174.6450, 12.0070, 22.2363

Protanopia

171.2390, 17.6302, -8.1026

Deuteranopia

172.8120, 11.9247, 1.9189



Tritanopia

173.2460, 0.3717, 20.8323

Trichromacy



Original Color

174.6450, 12.0070, 22.2363

Protanomaly

172.7350, 15.4136, 2.8634

Deuteranomaly

173.2690, 12.1924, 9.4111

Tritanomaly

173.9840, 4.4449, 21.0620

Monochromacy



Original Color

174.6450, 12.0070, 22.2363

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

174.6080, 4.6303, 8.2368

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.6450, 12.0070, 22.2363 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(200, 157, 199)` looks like.

```
.text, #text, p{  
    color:rgb(200, 157, 199)  
}
```

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(200, 157, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 157, 199) }
```

Border

The CSS property to change the border of an element to YUV 174.6450, 12.0070, 22.2363 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(200, 157, 199) }
```


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

```
.border{ border-color:rgb(200, 157, 199) }
```

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

Here you see how a box with a 4 pixel rgb(200, 157, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 157, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 157, 199);  
box-shadow:4px 4px 4px 4px rgb(200, 157,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 174.6450, 12.0070, 22.2363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 157, 199) }
```

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

```
.background{ background-color: rgb(200,  
157, 199) }
```

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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