

Converting Colors

YUV(174.6250, 22.3699,
11.7299)

Have a look what the booklet for
YUV(174.6250, 22.3699, 11.7299)
contains.

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Color

**YUV(174.6250, 22.3699,
11.7299)**

Conversions

Conversions Part 1

Format	Color
Hex	BC9FDC
RGB	188, 159, 220
RGB Percent	74%, 62%, 86%
CMY	0.2627, 0.3765, 0.1373
CMYK	0.15, 0.28, 0.00, 0.14
HSL	269°, 47%, 74%
HSV	269°, 28%, 86%
XYZ	46.0554, 40.6549, 73.1300
YIQ	174.6250, -2.2970, 25.1190

Conversions

Conversions Part 2

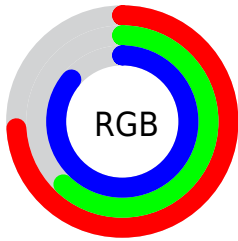
Format	Color
RYB	188, 159, 220
Decimal	12361692
CIELab	69.93, 22.32, -26.99
CIElCh	70, 35.021, 309.589
Yxy	40.6549, 0.2881, 0.2543
Android (android.graphics.Color)	4290551772 (0xFFBC9FDC)
YUV	174.6250, 22.3699, 11.7299
Hunter-Lab	63.7612, 17.3504, -23.3689

Details

The YUV color $174.6250, 22.3699, 11.7299$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $204.3750, -22.3699, -11.7299$, and the grayscale version is $174.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $227.9430, 13.3391, 14.9590$, and $121.6850, 21.3543, 10.8003$ is the 20% darker color. If you saturate the color by 10%, you get $158.1230, 30.5054, 15.6781$, and if you desaturate by 10%, it is $191.1270, 14.2344, 7.7816$.

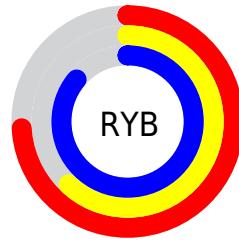
Distribution



Red (74%)

Green (62%)

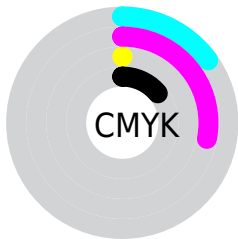
Blue (86%)



Red (74%)

Yellow (62%)

Blue (86%)

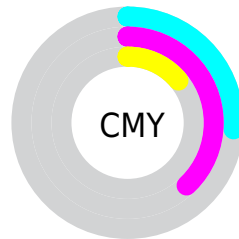


Cyan (15%)

Magenta (28%)

Yellow (0%)

Black (14%)



Cyan (26%)

Magenta (38%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.6250, 22.3699, 11.7299 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 174.6250, 22.3699, 11.7299 by changing the saturation by 10% instead.

174.6250, 22.3699,
11.7299

174.6250, 22.3699,
11.7299

255.0000, 0.0000,
0.0000

148.0980, 21.6437,
11.3151

227.9430, 13.3391,
14.9590

121.6850, 21.3543,
10.8003

247.3690, 3.7621,
6.6924

96.7450, 20.3387,
9.8706

72.3320, 20.0493,
9.3558

49.3920, 19.0337,
8.4262

27.4520, 18.0182,
7.4966

10.4690, 15.5448,

7.4817

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 174.6250, 22.3699,
11.7299

■ 174.6250, 22.3699,
11.7299

■ 158.1230, 30.5054,
15.6781

■ 191.1270, 14.2344,
7.7816

■ 141.9200, 38.4934,
20.2412

■ 207.3300, 6.2463,
3.2186

■ 125.4180, 46.6289,
24.1894

■ 223.8320, -1.8892,
-0.7297

■ 109.2150, 54.6170,
28.7524

■ 240.0350, -9.8773,
-5.2927

■ 92.7130, 62.7525,
32.7007

■ 248.3190,
-13.9613, -2.0338

■ 76.5100, 70.7406,
37.2637

■ 251.0100,
-15.2879, 3.4992

■ 60.0080, 78.8761,
41.2120

■ 56.4750, 80.6178,
42.5564

Harmonies

Analogous

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



169.6960, 31.2089, -23.4124



174.6250, 22.3699, 11.7299



175.6470, 9.0480, 38.0206

Triad

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



174.6250, 22.3699, 11.7299



170.3640, -28.7735, 35.6378



151.8060, 13.8996, -71.7439

Complementary

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



174.6250, 22.3699, 11.7299



204.3750, -22.3699, -11.7299

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.



158.6450, -5.2480, -43.5387



174.6250, 22.3699, 11.7299



167.6940, -29.4291, 12.5464

Square

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



174.6250, 22.3699, 11.7299



172.1560, -19.7969, 49.8522



163.9940, -21.1960, -14.9037



149.2680, 29.9409, -83.5500

Rectangle

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



174.6250, 22.3699, 11.7299



175.0800, -1.0254, 49.0418



163.9940, -21.1960, -14.9037



154.1400, 7.3260, -63.2668

Sweetspot

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



174.6250, 22.3699, 11.7299



239.9710, 7.4093, 3.5334



185.3250, 17.0948, -23.0870



118.2760, 4.7939, 2.3889



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.



174.6250, 22.3699, 11.7299



192.5360, 30.7948, 16.1929



183.5950, 17.9477, 30.1732



101.7490, 4.0677, 1.9741



44.2400, 63.4787, 33.1155



11.8220, 16.8498, 8.9261

Inverse Universe

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



180.8870, 4.9857, 34.3021



201.1320, 6.8369, 47.2422



195.4050, -17.9477, -30.1732



102.8590, 0.5625, 6.2627



62.1010, 14.2472, 97.2584



16.4900, 3.7024, 25.8803

Previews

White Background



This preview shows how the YUV color 174.6250, 22.3699, 11.7299 looks on a white background.

Color Contrast Check

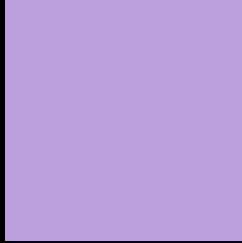
Large Text (above 18pt) WCAG AA × Fail

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 174.6250, 22.3699, 11.7299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

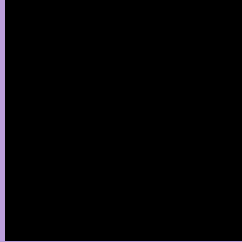
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 174.6250, 22.3699, 11.7299

Background



This preview shows how black text looks on a background with the YUV color 174.6250, 22.3699, 11.7299.



This preview shows how white text looks on a background with the YUV color 174.6250, 22.3699, 11.7299.

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

174.6250, 22.3699, 11.7299

Protanopia

171.4260, 27.3980, -14.4056

Deuteranopia

172.2050, 22.5769, -8.0728



Tritanopia

172.6680, 3.6147, 7.3072

Trichromacy



Original Color

174.6250, 22.3699, 11.7299

Protanomaly

172.3240, 25.4763, -4.6691

Deuteranomaly

173.2490, 22.5552, -1.0954

Tritanomaly

173.5140, 10.5926, 9.1962

Monochromacy



Original Color

174.6250, 22.3699, 11.7299

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

174.7970, 7.9881, 4.5630

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.6250, 22.3699, 11.7299 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(188, 159, 220)` looks like.

```
.text, #text, p{  
    color:rgb(188, 159, 220)  
}
```

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(188, 159, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 159, 220) }
```

Border

The CSS property to change the border of an element to YUV 174.6250, 22.3699, 11.7299 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(188, 159, 220) }
```


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

```
.border{ border-color:rgb(188, 159, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 159, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 159, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 159, 220);  
box-shadow:4px 4px 4px 4px rgb(188, 159,  
220) }
```

Background

The CSS property to change the background color of an element to YUV 174.6250, 22.3699, 11.7299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 159, 220) }
```

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

```
.background{ background-color: rgb(188,  
159, 220) }
```

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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