

Converting Colors

YUV(156.6250, 22.3699,
11.7299)

Have a look what the booklet for
YUV(156.6250, 22.3699, 11.7299)
contains.

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Color

**YUV(156.6250, 22.3699,
11.7299)**

Conversions

Conversions Part 1

Format	Color
Hex	AA8DCA
RGB	170, 141, 202
RGB Percent	67%, 55%, 79%
CMY	0.3333, 0.4471, 0.2078
CMYK	0.16, 0.30, 0.00, 0.21
HSL	269°, 37%, 67%
HSV	269°, 30%, 79%
XYZ	36.7631, 31.8601, 60.0891
YIQ	156.6250, -2.2970, 25.1190

Conversions

Conversions Part 2

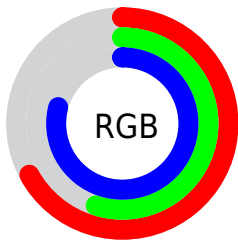
Format	Color
RYB	170, 141, 202
Decimal	11177418
CIELab	63.23, 22.81, -27.45
CIELCh	63, 35.689, 309.719
Yxy	31.8601, 0.2856, 0.2475
Android (android.graphics.Color)	4289367498 (0xFFAA8DCA)
YUV	156.6250, 22.3699, 11.7299
Hunter-Lab	56.4447, 17.4809, -23.6068

Details

The YUV color **156.6250, 22.3699, 11.7299** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **186.3750, -22.3699, -11.7299**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.1090, 21.6383, 13.0594**, and **105.2720, 21.0649, 10.2855** is the 20% darker color. If you saturate the color by 10%, you get **141.5960, 29.7792, 15.2633**, and if you desaturate by 10%, it is **171.6540, 14.9606, 8.1964**.

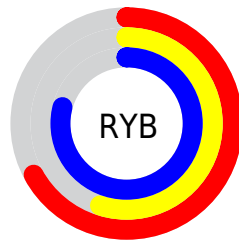
Distribution



Red (67%)

Green (55%)

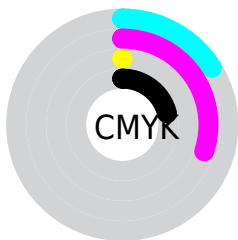
Blue (79%)



Red (67%)

Yellow (55%)

Blue (79%)

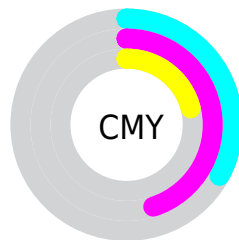


Cyan (16%)

Magenta (30%)

Yellow (0%)

Black (21%)



Cyan (33%)

Magenta (45%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.6250, 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 156.6250, 22.3699, 11.7299 by changing the saturation by 10% instead.

■ 156.6250, 22.3699,
11.7299

■ 156.6250, 22.3699,
11.7299

255.0000, 0.0000,
0.0000

■ 130.0980, 21.6437,
11.3151

■ 211.1090, 21.6383,
13.0594

■ 105.2720, 21.0649,
10.2855

■ 236.2160, 9.2605,
16.4736

■ 80.7450, 20.3387,
9.8706

■ 253.2390, 0.8682,
1.5444

■ 56.9190, 19.7599,
8.8410

■ 34.6800, 18.8918,
7.2966

■ 12.5770, 18.4495,
9.1410

■ 4.3660, 11.6516,

-3.8290

■ 0.0000, 0.0000,
0.0000

■ 156.6250, 22.3699,
11.7299

■ 156.6250, 22.3699,
11.7299

■ 141.5960, 29.7792,
15.2633

■ 171.6540, 14.9606,
8.1964

■ 126.8660, 37.0411,
19.4115

■ 186.3840, 7.6987,
4.0482

■ 111.2500, 44.7398,
23.4597

■ 202.0000, 0.0000,
0.0000

■ 96.5200, 52.0016,
27.6080

■ 216.7300, -7.2619,
-4.1482

■ 81.4910, 59.4109,
31.1414

■ 231.7590,
-14.6712, -7.6816

66.4620, 66.8202,
34.6748

242.6790,
-20.0547, -7.6115

51.7320, 74.0821,
38.8230

245.6690,
-21.5288, -1.4637

248.9580,
-23.1503, 5.2988

Harmonies

Analogous

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



151.3970, 31.3563, -24.0272



156.6250, 22.3699, 11.7299



157.0600, 9.3374, 38.5354

Triad

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



156.6250, 22.3699, 11.7299



152.6520, -28.9154, 34.5082



130.3320, 16.1053, -79.2212

Complementary

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



156.6250, 22.3699, 11.7299



186.3750, -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.



140.0470, -4.9532, -44.7682



156.6250, 22.3699, 11.7299



149.6940, -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.



156.6250, 22.3699, 11.7299



153.8570, -19.6495, 49.2374



145.9940, -21.1960, -14.9037



120.6180, 35.6843, -105.7820

Rectangle

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



156.6250, 22.3699, 11.7299



156.1940, -0.5886, 48.9419



145.9940, -21.1960, -14.9037



134.4600, 8.6472, -67.0554

Sweetspot

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



156.6250, 22.3699, 11.7299



237.9110, 8.4249, 4.4631



167.3250, 17.0948, -23.0870



116.8030, 5.5201, 2.8038



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.



156.6250, 22.3699, 11.7299



186.6440, 33.6995, 17.8522



165.5950, 17.9477, 30.1732



94.6350, 3.6309, 2.0741



42.5450, 60.8633, 31.9710



9.7140, 13.9450, 7.2668

Inverse Universe

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



162.8870, 4.9857, 34.3021



195.9800, 7.4049, 51.7605



177.4050, -17.9477, -30.1732



95.5600, 0.7099, 5.6479



59.5520, 13.5319, 93.3549



13.6420, 3.1345, 21.3620

Previews

White Background



This preview shows how the YUV color 156.6250, 22.3699, 11.7299 looks on a white background.

Color Contrast Check

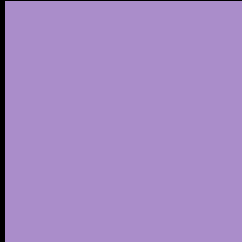
Large Text (above 18pt) WCAG AA × Fail

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 156.6250, 22.3699, 11.7299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

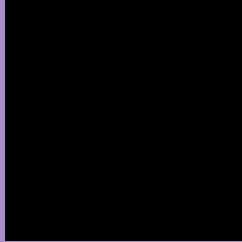
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 156.6250, 22.3699, 11.7299

Background



This preview shows how black text looks on a background with the YUV color 156.6250, 22.3699, 11.7299.



This preview shows how white text looks on a background with the YUV color 156.6250, 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

156.6250, 22.3699, 11.7299

Protanopia

153.2410, 27.9822, -15.1204

Deuteranopia

154.1940, 22.5824, -9.8171



Tritanopia

154.5540, 3.1779, 7.4071

Trichromacy



Original Color

156.6250, 22.3699, 11.7299

Protanomaly

154.1390, 26.0605, -5.3839

Deuteranomaly

154.9500, 22.7027, -1.7101

Tritanomaly

155.4000, 10.1558, 9.2962

Monochromacy



Original Color

156.6250, 22.3699, 11.7299

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

156.7970, 7.9881, 4.5630

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.6250, 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(170, 141, 202)` looks like.

```
.text, #text, p{  
    color:rgb(170, 141, 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(170, 141, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 141, 202) }
```

Border

The CSS property to change the border of an element to YUV 156.6250, 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(170, 141, 202) }
```


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

```
.border{ border-color:rgb(170, 141, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 141, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 141, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 141, 202); box-shadow:4px 4px 4px 4px rgb(170, 141, 202) }
```

Background

The CSS property to change the background color of an element to YUV 156.6250, 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(170, 141, 202) }
```

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

```
.background{ background-color: rgb(170,  
141, 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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