

Converting Colors

YUV(129.8010, 22.2831,
39.6395)

Have a look what the booklet for
YUV(129.8010, 22.2831, 39.6395)
contains.

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Color

**YUV(129.8010, 22.2831,
39.6395)**

Conversions

Conversions Part 1

Format	Color
Hex	AF62AF
RGB	175, 98, 175
RGB Percent	69%, 38%, 69%
CMY	0.3137, 0.6157, 0.3137
CMYK	0.00, 0.44, 0.00, 0.31
HSL	300°, 32%, 54%
HSV	300°, 44%, 69%
XYZ	29.7847, 20.9445, 43.0303
YIQ	129.8010, 21.1750, 40.2710

Conversions

Conversions Part 2

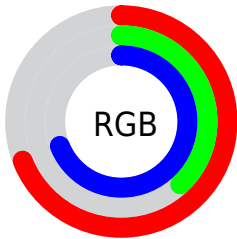
Format	Color
R_{YB}	175, 98, 175
Decimal	11494063
CIE _{Lab}	52.89, 42.68, -28.00
CIE _{LCh}	53, 51.044, 326.739
Y _{xy}	20.9445, 0.3177, 0.2234
Android (android.graphics.Color)	4289684143 (0xFFAF62AF)
YUV	129.8010, 22.2831, 39.6395
Hunter-Lab	45.7651, 36.0819, -23.7114

Details

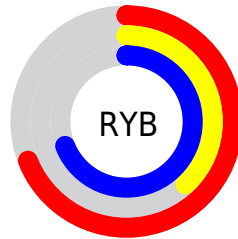
The YUV color **129.8010, 22.2831, 39.6395** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **143.1990, -22.2831, -39.6395**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.3390, 23.0039, 41.7987**, and **77.6760, 21.8517, 37.9951** is the 20% darker color. If you saturate the color by 10%, you get **119.8220, 27.2028, 48.3911**, and if you desaturate by 10%, it is **140.3670, 17.0741, 30.3731**.

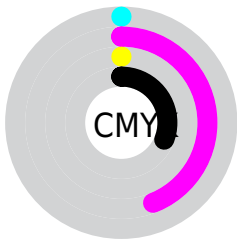
Distribution



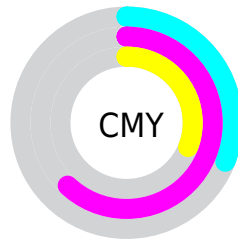
- Red (69%)
- Green (38%)
- Blue (69%)



- Red (69%)
- Yellow (38%)
- Blue (69%)



- Cyan (0%)
- Magenta (44%)
- Yellow (0%)
- Black (31%)



- Cyan (31%)
- Magenta (62%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.8010, 22.2831, 39.6395 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 129.8010, 22.2831, 39.6395 by changing the saturation by 10% instead.

129.8010, 22.2831,
39.6395

129.8010, 22.2831,
39.6395

255.0000, 0.0000,
0.0000

103.0890, 22.1411,
38.5099

184.3390, 23.0039,
41.7987

77.6760, 21.8517,
37.9951

209.8010, 22.2831,
39.6395

50.9040, 22.7253,
37.7952

226.2370, 14.1802,
25.2252

28.9530, 21.7152,
35.1212

243.2600, 5.7878,
10.2960

19.4540, 15.0592,
23.2808

7.0790, 10.3141,
5.1927

0.0000, 0.0000,

0.0000

129.8010, 22.2831,
39.6395

129.8010, 22.2831,
39.6395

119.8220, 27.2028,
48.3911

140.3670, 17.0741,
30.3731

109.2560, 32.4118,
57.6575

150.3460, 12.1544,
21.6216

99.2770, 37.3314,
66.4091

160.9120, 6.9454,
12.3552

88.7110, 42.5405,
75.6755

170.8910, 2.0257,
3.6036

78.7320, 47.4601,
84.4270

181.4570, -3.1833,
-5.6628

72.2750, 50.6434,
90.0898

191.4360, -8.1029,
-14.4144

■ 202.0020,
-13.3120, -23.6808

■ 211.9810,
-18.2316, -32.4323

■ 221.9600,
-23.1513, -41.1839

Harmonies

Analogous

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



127.6300, 38.1434, -7.5685



129.8010, 22.2831, 39.6395



126.0420, 3.4303, 66.6152

Triad

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



129.8010, 22.2831, 39.6395



121.1940, -44.4656, 28.7709



104.9850, 29.0944, -92.0718

Complementary

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



129.8010, 22.2831, 39.6395



143.1990, -22.2831, -39.6395

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.



99.9690, 9.8753, -87.6728



129.8010, 22.2831, 39.6395



117.1080, -37.5212, -5.3567

Square

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



129.8010, 22.2831, 39.6395



123.2910, -34.6535, 54.9958



107.5550, -15.5566, -50.4757



106.6270, 45.5399, -93.5119

Rectangle

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



129.8010, 22.2831, 39.6395



124.4050, -10.5527, 71.5588



107.5550, -15.5566, -50.4757



103.3890, 22.9792, -90.6722

Sweetspot

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



129.8010, 22.2831, 39.6395



209.3900, 8.6817, 15.4440



106.7780, 33.6334, -7.6983



103.8470, 5.4984, 9.7812



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



129.8010, 22.2831, 39.6395



156.5600, 34.7269, 61.7759



125.4690, 5.6848, 43.4387



81.7170, 2.6045, 4.6332



61.9500, 43.4087, 77.2198



9.4990, 6.6560, 11.8404

Inverse Universe

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



129.8010, 22.2831, 39.6395



156.5600, 34.7269, 61.7759



147.6450, -5.2480, -43.5387



81.7170, 2.6045, 4.6332



61.9500, 43.4087, 77.2198



9.4990, 6.6560, 11.8404

Previews

White Background



This preview shows how the YUV color 129.8010, 22.2831, 39.6395 looks on a white background.

Color Contrast Check

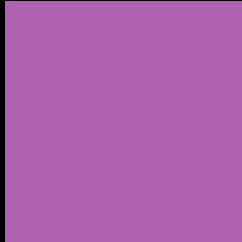
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.8010, 22.2831, 39.6395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

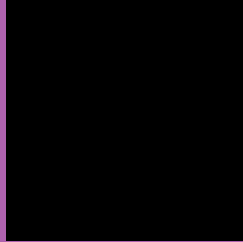
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 129.8010, 22.2831, 39.6395

Background



This preview shows how black text looks on a background with the YUV color 129.8010, 22.2831, 39.6395.



This preview shows how white text looks on a background with the YUV color 129.8010, 22.2831, 39.6395.

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

129.8010, 22.2831, 39.6395

Protanopia

125.0320, 34.9872, -21.9531

Deuteranopia

127.1400, 21.1300, -10.6468



Tritanopia

128.9550, -4.9078, 34.2425

Trichromacy



Original Color

129.8010, 22.2831, 39.6395



Protanomaly

126.9100, 30.1174, 0.0789



Deuteranomaly

128.0760, 21.6545, 7.8263



Tritanomaly

129.1970, 4.8329, 36.6612

Monochromacy



Original Color

129.8010, 22.2831, 39.6395



Achromatopsia

130.0000, 0.0000, 0.0000



Achromatomaly

129.5640, 8.1029, 14.4144

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.8010, 22.2831, 39.6395 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(175, 98, 175)` looks like.

```
.text, #text, p{  
    color:rgb(175, 98, 175)  
}
```

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(175, 98, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 98, 175) }
```

Border

The CSS property to change the border of an element to YUV 129.8010, 22.2831, 39.6395 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(175, 98, 175) }
```


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

```
.border{ border-color:rgb(175, 98, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 98, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 98, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 98, 175);  
box-shadow:4px 4px 4px 4px rgb(175, 98,  
175) }
```

Background

The CSS property to change the background color of an element to YUV 129.8010, 22.2831, 39.6395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 98, 175) }
```

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

```
.background{ background-color: rgb(175, 98,  
175) }
```

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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