

Converting Colors

YUV(134.0230, 22.1737,
28.0438)

Have a look what the booklet for
YUV(134.0230, 22.1737, 28.0438)
contains.

YUV(134.0230, 22.1737, 28.0438)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(134.0230, 22.1737,
28.0438)**

Conversions

Conversions Part 1

Format	Color
Hex	A66DB3
RGB	166, 109, 179
RGB Percent	65%, 43%, 70%
CMY	0.3490, 0.5725, 0.2980
CMYK	0.07, 0.39, 0.00, 0.30
HSL	289°, 32%, 56%
HSV	289°, 39%, 70%
XYZ	29.3312, 22.2989, 45.4060
YIQ	134.0230, 11.5020, 33.8540

Conversions

Conversions Part 2

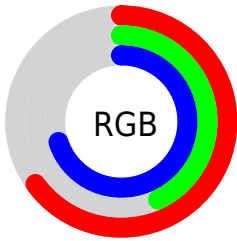
Format	Color
RYB	166, 109, 179
Decimal	10907059
CIELab	54.34, 34.68, -28.14
CIELCh	54, 44.663, 320.944
Yxy	22.2989, 0.3023, 0.2298
Android (android.graphics.Color)	4289097139 (0xFFA66DB3)
YUV	134.0230, 22.1737, 28.0438
Hunter-Lab	47.2218, 28.2350, -23.9550

Details

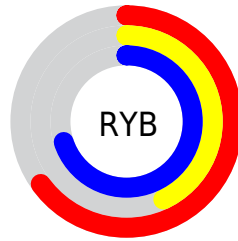
The YUV color **134.0230, 22.1737, 28.0438** is a light color, and the websafe version is hex **996699**. A complement of this color would be **153.9770, -22.1737, -28.0438**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.2620, 23.0418, 29.5882**, and **83.3710, 21.0161, 25.9846** is the 20% darker color. If you saturate the color by 10%, you get **122.5600, 27.8249, 35.4659**, and if you desaturate by 10%, it is **145.4860, 16.5224, 20.6218**.

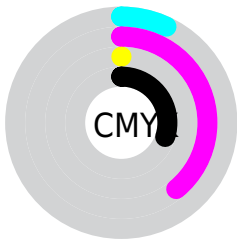
Distribution



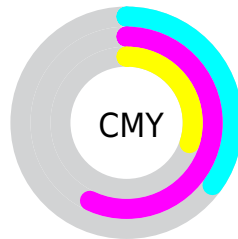
- Red (65%)
- Green (43%)
- Blue (70%)



- Red (65%)
- Yellow (43%)
- Blue (70%)



- Cyan (7%)
- Magenta (39%)
- Yellow (0%)
- Black (30%)



- Cyan (35%)
- Magenta (57%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.0230, 22.1737, 28.0438 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 134.0230, 22.1737, 28.0438 by changing the saturation by 10% instead.

134.0230, 22.1737,
28.0438

134.0230, 22.1737,
28.0438

255.0000, 0.0000,
0.0000

108.1970, 21.5949,
27.0142

188.2620, 23.0418,
29.5882

83.3710, 21.0161,
25.9846

215.0620, 19.6894,
31.5176

58.6590, 20.8741,
24.8551

232.6940, 10.9969,
19.5624

33.0720, 21.1635,
25.3699

249.7170, 2.6045,
4.6332

17.7030, 17.4014,
18.6775

5.1430, 13.2405,
-0.1254

0.3420, 1.3104,

-0.2999

■ 0.0000, 0.0000,
0.0000

■ 134.0230, 22.1737,
28.0438

■ 134.0230, 22.1737,
28.0438

■ 122.5600, 27.8249,
35.4659

■ 145.4860, 16.5224,
20.6218

■ 110.7980, 33.6236,
42.2732

■ 157.2480, 10.7237,
13.8145

■ 99.3350, 39.2748,
49.6952

■ 168.7110, 5.0725,
6.3925

■ 87.8720, 44.9261,
57.1173

■ 180.1740, -0.5788,
-1.0296

■ 76.6970, 50.4354,
63.4097

■ 191.9360, -6.3774,
-7.8369

65.2340, 56.0866,
70.8318

202.8120,
-11.7393, -14.7441

64.0600, 56.6654,
71.8614

214.2750,
-17.3906, -22.1662

226.0370,
-23.1892, -28.9734

228.6950,
-24.4996, -28.6735

Harmonies

Analogous

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



129.6030, 35.6917, -14.5608



134.0230, 22.1737, 28.0438



132.1330, 5.3574, 55.1344

Triad

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



134.0230, 22.1737, 28.0438



127.0400, -37.4877, 30.6599



105.2470, 25.0212, -92.3016

Complementary

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



134.0230, 22.1737, 28.0438



153.9770, -22.1737, -28.0438

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.



100.8010, 7.9861, -88.4025



134.0230, 22.1737, 28.0438



123.6620, -34.3434, 2.0504

Square

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



134.0230, 22.1737, 28.0438



128.5880, -28.3909, 52.9813



117.4540, -18.9578, -32.8472



107.2480, 40.3037, -94.0565

Rectangle

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



134.0230, 22.1737, 28.0438



130.6750, -6.7418, 62.5520



117.4540, -18.9578, -32.8472



103.7650, 19.3429, -91.0019

Sweetspot

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



134.0230, 22.1737, 28.0438



214.0690, 8.8400, 11.3405



125.1980, 26.5244, -14.2056



106.7110, 5.0725, 6.3925



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



134.0230, 22.1737, 28.0438



162.0370, 34.4918, 43.8176



135.5160, 11.0846, 38.1355



83.4180, 2.7519, 4.0184



54.8170, 48.4042, 61.5505



9.2430, 8.2612, 10.3109

Inverse Universe

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



131.4120, -4.6401, 41.7347



157.8710, -7.3314, 65.0111



152.4840, -11.0846, -38.1355



82.9190, -0.4531, 5.3330



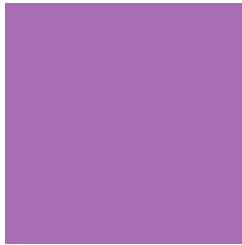
48.9390, -10.3229, 91.2615



8.3440, -1.6486, 15.4843

Previews

White Background



This preview shows how the YUV color 134.0230, 22.1737, 28.0438 looks on a white background.

Color Contrast Check

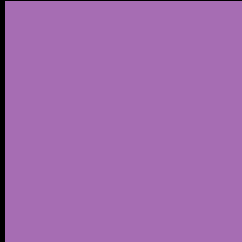
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.0230, 22.1737, 28.0438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

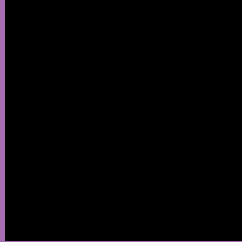
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 134.0230, 22.1737, 28.0438

Background



This preview shows how black text looks on a background with the YUV color 134.0230, 22.1737, 28.0438.



This preview shows how white text looks on a background with the YUV color 134.0230, 22.1737, 28.0438.

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

134.0230, 22.1737, 28.0438

Protanopia

129.5440, 31.7768, -18.8941

Deuteranopia

130.3680, 22.0036, -10.8467



Tritanopia

132.6870, -1.8177, 23.0765

Trichromacy



Original Color

134.0230, 22.1737, 28.0438

Protanomaly

131.1440, 28.5230, -1.8803

Deuteranomaly

131.4560, 21.9602, 3.1081

Tritanomaly

133.2880, 6.7600, 25.1804

Monochromacy



Original Color

134.0230, 22.1737, 28.0438

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

134.1290, 7.8244, 10.4109

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.0230, 22.1737, 28.0438 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(166, 109, 179)` looks like.

```
.text, #text, p{  
    color:rgb(166, 109, 179)  
}
```

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(166, 109, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 109, 179) }
```

Border

The CSS property to change the border of an element to YUV 134.0230, 22.1737, 28.0438 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(166, 109, 179) }
```


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

```
.border{ border-color:rgb(166, 109, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 109, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 109, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 109, 179);  
box-shadow:4px 4px 4px 4px rgb(166, 109,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 134.0230, 22.1737, 28.0438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 109, 179) }
```

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

```
.background{ background-color: rgb(166,  
109, 179) }
```

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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