

Converting Colors

YUV(130.7950, 21.3001,
28.2438)

Have a look what the booklet for
YUV(130.7950, 21.3001, 28.2438)
contains.

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Color

**YUV(130.7950, 21.3001,
28.2438)**

Conversions

Conversions Part 1

Format	Color
Hex	A36AAE
RGB	163, 106, 174
RGB Percent	64%, 42%, 68%
CMY	0.3608, 0.5843, 0.3176
CMYK	0.06, 0.39, 0.00, 0.32
HSL	290°, 30%, 55%
HSV	290°, 39%, 68%
XYZ	27.8983, 21.1506, 42.6565
YIQ	130.7950, 12.1440, 33.2320

Conversions

Conversions Part 2

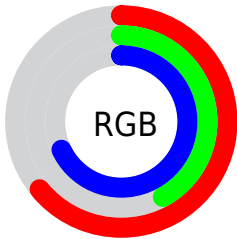
Format	Color
R _Y B	163, 106, 174
Decimal	10709678
CIE Lab	53.11, 34.38, -27.18
CIE LCh	53, 43.830, 321.674
Yxy	21.1506, 0.3042, 0.2306
Android (android.graphics.Color)	4288899758 (0xFFA36AAE)
YUV	130.7950, 21.3001, 28.2438
Hunter-Lab	45.9898, 27.7994, -22.7999

Details

The YUV color **130.7950, 21.3001, 28.2438** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **149.2050, -21.3001, -28.2438**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.4470, 22.4576, 30.3030**, and **80.1430, 20.1425, 26.1846** is the 20% darker color. If you saturate the color by 10%, you get **119.9190, 26.6619, 35.1510**, and if you desaturate by 10%, it is **141.6710, 15.9382, 21.3365**.

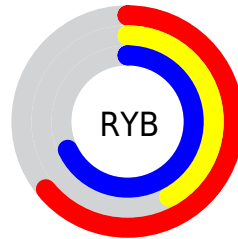
Distribution



Red (64%)

Green (42%)

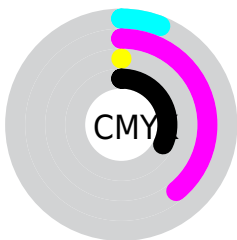
Blue (68%)



Red (64%)

Yellow (42%)

Blue (68%)

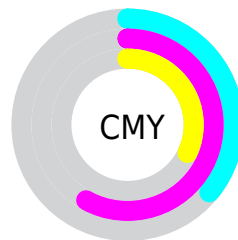


Cyan (6%)

Magenta (39%)

Yellow (0%)

Black (32%)



Cyan (36%)

Magenta (58%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.7950, 21.3001, 28.2438 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 130.7950, 21.3001, 28.2438 by changing the saturation by 10% instead.

■ 130.7950, 21.3001,
28.2438

■ 130.7950, 21.3001,
28.2438

■ 255.0000, 0.0000,
0.0000

■ 104.9690, 20.7213,
27.2142

■ 184.4470, 22.4576,
30.3030

■ 80.1430, 20.1425,
26.1846

■ 212.4040, 20.9998,
31.2177

■ 55.4310, 20.0005,
25.0550

■ 230.9330, 11.8650,
21.1068

■ 30.2570, 20.5793,
26.0846

■ 247.3690, 3.7621,
6.6924

■ 16.9480, 15.8016,
18.4626

■ 3.1920, 12.2303,
-2.7994

■ 0.0000, 0.0000,

0.0000

■ 130.7950, 21.3001,
28.2438

■ 130.7950, 21.3001,
28.2438

■ 119.9190, 26.6619,
35.1510

■ 141.6710, 15.9382,
21.3365

■ 108.4560, 32.3132,
42.5731

■ 153.1340, 10.2869,
13.9145

■ 97.8790, 37.5277,
50.0951

■ 163.7110, 5.0725,
6.3925

■ 86.4160, 43.1789,
57.5172

■ 175.1740, -0.5788,
-1.0296

■ 75.5400, 48.5408,
64.4244

■ 186.0500, -5.9407,
-7.9369

■ 64.6640, 53.9026,
71.3317

■ 196.9260,
-11.3025, -14.8441

■ 63.4900, 54.4814,
72.3613

■ 208.3890,
-16.9538, -22.2662

■ 219.2650,
-22.3156, -29.1734

■ 225.7330,
-25.5044, -33.0918

Harmonies

Analogous

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



126.9730, 34.5233, -13.1313



130.7950, 21.3001, 28.2438



128.7200, 5.0680, 54.6196

Triad

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



130.7950, 21.3001, 28.2438



123.6700, -36.3193, 29.2304



103.1440, 24.5790, -90.4573

Complementary

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



130.7950, 21.3001, 28.2438



149.2050, -21.3001, -28.2438

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.



98.2250, 8.2701, -86.1433



130.7950, 21.3001, 28.2438



120.5910, -33.3224, 1.2357

Square

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



130.7950, 21.3001, 28.2438



125.6910, -27.9487, 51.1370



114.3830, -17.9368, -33.6619



104.4440, 39.7141, -91.5974

Rectangle

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



130.7950, 21.3001, 28.2438



126.9630, -6.8838, 61.4224



114.3830, -17.9368, -33.6619



101.7760, 19.3374, -89.2576

Sweetspot

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



130.7950, 21.3001, 28.2438



209.9550, 8.4032, 11.4405



120.2090, 26.5190, -12.4613



104.7110, 5.0725, 6.3925



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.



130.7950, 21.3001, 28.2438



159.1080, 33.4708, 44.6323



131.4620, 9.6322, 37.3058



81.1190, 2.8993, 3.4036



54.7740, 46.9464, 62.4652



8.3030, 7.2456, 9.3813

Inverse Universe

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



127.5860, -5.2189, 40.7051



154.0450, -7.9102, 63.9815



148.5380, -9.6322, -37.3058



80.8050, -0.8899, 5.4330



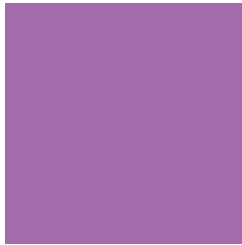
47.5860, -11.6279, 89.8171



7.3330, -1.6432, 13.7400

Previews

White Background



This preview shows how the YUV color 130.7950, 21.3001, 28.2438 looks on a white background.

Color Contrast Check

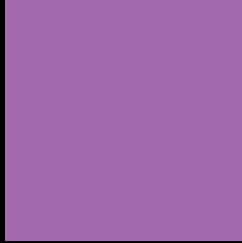
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.7950, 21.3001, 28.2438 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 130.7950, 21.3001, 28.2438

Background



This preview shows how black text looks on a background with the YUV color 130.7950, 21.3001, 28.2438.



This preview shows how white text looks on a background with the YUV color 130.7950, 21.3001,

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

130.7950, 21.3001, 28.2438

Protanopia

126.3160, 30.9032, -18.6941

Deuteranopia

127.1400, 21.1300, -10.6468



Tritanopia

128.9860, -1.9651, 23.6913

Trichromacy



Original Color

130.7950, 21.3001, 28.2438

Protanomaly

127.9160, 27.6494, -1.6803

Deuteranomaly

128.2280, 21.0866, 3.3080

Tritanomaly

129.5870, 6.6126, 25.7952

Monochromacy



Original Color

130.7950, 21.3001, 28.2438

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

131.1290, 7.8244, 10.4109

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.7950, 21.3001, 28.2438 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(163, 106, 174)` looks like.

```
.text, #text, p{  
    color:rgb(163, 106, 174)  
}
```

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(163, 106, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 106, 174) }
```

Border

The CSS property to change the border of an element to YUV 130.7950, 21.3001, 28.2438 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(163, 106, 174) }
```


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

```
.border{ border-color:rgb(163, 106, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 106, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 106, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 106, 174);  
box-shadow:4px 4px 4px 4px rgb(163, 106,  
174) }
```

Background

The CSS property to change the background color of an element to YUV 130.7950, 21.3001, 28.2438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 106, 174) }
```

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

```
.background{ background-color: rgb(163,  
106, 174) }
```

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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