

Converting Colors

YUV(136.2830, 21.0595,
12.0298)

Have a look what the booklet for
YUV(136.2830, 21.0595, 12.0298)
contains.

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Color

**YUV(136.2830, 21.0595,
12.0298)**

Conversions

Conversions Part 1

Format	Color
Hex	9679B3
RGB	150, 121, 179
RGB Percent	59%, 47%, 70%
CMY	0.4118, 0.5255, 0.2980
CMYK	0.16, 0.32, 0.00, 0.30
HSL	270°, 28%, 59%
HSV	270°, 32%, 70%
XYZ	27.5517, 23.4134, 45.7149
YIQ	136.2830, -1.3340, 24.1860

Conversions

Conversions Part 2

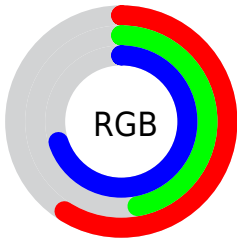
Format	Color
RYB	150, 121, 179
Decimal	9861555
CIELab	55.50, 22.74, -26.49
CIELCh	55, 34.911, 310.638
Yxy	23.4134, 0.2850, 0.2422
Android (android.graphics.Color)	4288051635 (0xFF9679B3)
YUV	136.2830, 21.0595, 12.0298
Hunter-Lab	48.3874, 16.9596, -22.1441

Details

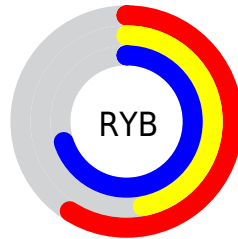
The YUV color **136.2830, 21.0595, 12.0298** is a light color, and the websafe version is hex **996699**. A complement of this color would be **163.7170, -21.0595, -12.0298**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.2230, 22.0751, 12.9594**, and **85.9300, 19.7545, 10.5854** is the 20% darker color. If you saturate the color by 10%, you get **123.0260, 27.5952, 15.7632**, and if you desaturate by 10%, it is **149.5400, 14.5238, 8.2964**.

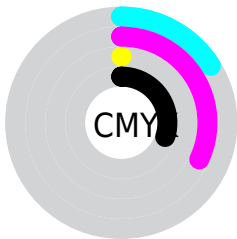
Distribution



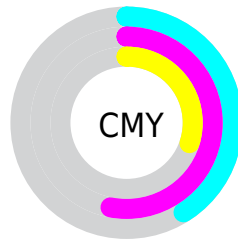
- Red (59%)
- Green (47%)
- Blue (70%)



- Red (59%)
- Yellow (47%)
- Blue (70%)



- Cyan (16%)
- Magenta (32%)
- Yellow (0%)
- Black (30%)



- Cyan (41%)
- Magenta (53%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 136.2830, 21.0595, 12.0298 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 136.2830, 21.0595, 12.0298 by changing the saturation by 10% instead.

■ 136.2830, 21.0595,
12.0298

■ 136.2830, 21.0595,
12.0298

■ 255.0000, 0.0000,
0.0000

■ 110.7560, 20.3333,
11.6150

■ 190.2230, 22.0751,
12.9594

■ 85.9300, 19.7545,
10.5854

■ 216.7240, 18.8701,
14.2741

■ 62.4030, 19.0283,
10.1706

■ 239.7380, 7.5242,
13.3848

■ 39.5770, 18.4495,
9.1410

■ 17.1640, 18.1601,
8.6262

■ 3.6480, 13.9775,
-3.1993

■ 0.4560, 1.7472,

-0.3999

■ 0.0000, 0.0000,
0.0000

■ 136.2830, 21.0595,
12.0298

■ 136.2830, 21.0595,
12.0298

■ 123.0260, 27.5952,
15.7632

■ 149.5400, 14.5238,
8.2964

■ 109.7690, 34.1309,
19.4966

■ 162.7970, 7.9881,
4.5630

■ 96.5120, 40.6666,
23.2300

■ 176.0540, 1.4524,
0.8296

■ 83.2550, 47.2023,
26.9634

■ 189.3110, -5.0833,
-2.9037

■ 70.5850, 53.4486,
30.1820

■ 202.5680,
-11.6190, -6.6371

■ 57.3280, 59.9843,
33.9153

■ 215.2380,
-17.8653, -9.8557

■ 47.3160, 64.9202,
37.4339

■ 228.4950,
-24.4010, -13.5891

■ 236.4690,
-28.3322, -12.6893

■ 239.1600,
-29.6589, -7.1563

Harmonies

Analogous

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



130.7670, 30.1879, -22.5977



136.2830, 21.0595, 12.0298



136.8210, 8.4692, 36.9910

Triad

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



136.2830, 21.0595, 12.0298



131.9830, -27.5996, 32.4639



103.7650, 19.3429, -91.0019

Complementary

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



136.2830, 21.0595, 12.0298



163.7170, -21.0595, -12.0298

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.



119.6880, -3.7902, -44.4534



136.2830, 21.0595, 12.0298



129.9110, -28.5501, 10.6021

Square

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



136.2830, 21.0595, 12.0298



133.6610, -19.0599, 46.7783



126.3360, -19.8856, -15.2037



105.7830, 32.1520, -92.7717

Rectangle

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



136.2830, 21.0595, 12.0298



135.6560, -1.3094, 46.7827



126.3360, -19.8856, -15.2037



112.1930, 10.2579, -70.3293

Sweetspot

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



136.2830, 21.0595, 12.0298



214.9110, 8.4249, 4.4631



144.6350, 16.9419, -20.7279



106.6890, 5.0833, 2.9037



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.



136.2830, 21.0595, 12.0298



165.7150, 32.6785, 18.6669



144.9540, 16.7847, 29.8583



82.5210, 3.1941, 2.1741



40.4650, 55.4798, 32.0412



6.8510, 9.4405, 5.3927

Inverse Universe

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



141.6480, 4.1175, 32.7577



174.0400, 6.3893, 50.8309



155.0460, -16.7847, -29.8583



83.2610, 0.8573, 5.0331



54.5250, 11.0802, 86.3626



9.2560, 1.8458, 14.6845

Previews

White Background



This preview shows how the YUV color 136.2830, 21.0595, 12.0298 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 136.2830, 21.0595, 12.0298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

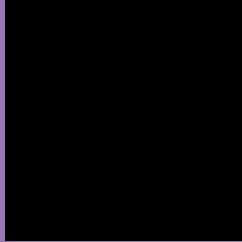
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 136.2830, 21.0595, 12.0298

Background



This preview shows how black text looks on a background with the YUV color 136.2830, 21.0595, 12.0298.



This preview shows how white text looks on a background with the YUV color 136.2830, 21.0595, 12.0298.

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

136.2830, 21.0595, 12.0298

Protanopia

132.8990, 26.6718, -14.8204

Deuteranopia

133.5530, 21.4194, -10.1320



Tritanopia

134.3260, 2.3043, 7.6071

Trichromacy



Original Color

136.2830, 21.0595, 12.0298

Protanomaly

133.7970, 24.7501, -5.0840

Deuteranomaly

134.3090, 21.5397, -2.0250

Tritanomaly

135.1720, 9.2822, 9.4962

Monochromacy



Original Color

136.2830, 21.0595, 12.0298

Achromatopsia

136.0000, 0.0000, 0.0000

Achromatomaly

136.3840, 7.6987, 4.0482

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.2830, 21.0595, 12.0298 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(150, 121, 179)` looks like.

```
.text, #text, p{  
    color:rgb(150, 121, 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(150, 121, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 121, 179) }
```

Border

The CSS property to change the border of an element to YUV 136.2830, 21.0595, 12.0298 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(150, 121, 179) }
```


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

```
.border{ border-color:rgb(150, 121, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 121, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 121, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 121, 179);  
box-shadow:4px 4px 4px 4px rgb(150, 121,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 136.2830, 21.0595, 12.0298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 121, 179) }
```

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

```
.background{ background-color: rgb(150,  
121, 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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