

Converting Colors

YUV(123.0100, 21.6871,
-2.6398)

Have a look what the booklet for
YUV(123.0100, 21.6871, -2.6398)
contains.

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Color

**YUV(123.0100, 21.6871,
-2.6398)**

Conversions

Conversions Part 1

Format	Color
Hex	7874A7
RGB	120, 116, 167
RGB Percent	47%, 45%, 65%
CMY	0.5294, 0.5451, 0.3451
CMYK	0.28, 0.31, 0.00, 0.35
HSL	245°, 22%, 55%
HSV	245°, 31%, 65%
XYZ	20.9662, 19.2739, 39.1744
YIQ	123.0100, -13.9870, 16.7090

Conversions

Conversions Part 2

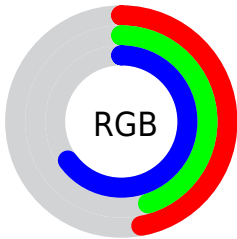
Format	Color
R_{YB}	120, 116, 167
Decimal	7894183
CIE _{Lab}	51.01, 13.29, -26.72
CIE _{LCh}	51, 29.842, 296.444
Yxy	19.2739, 0.2640, 0.2427
Android (android.graphics.Color)	4286084263 (0xFF7874A7)
YUV	123.0100, 21.6871, -2.6398
Hunter-Lab	43.9020, 8.4172, -22.1739

Details

The YUV color **123.0100, 21.6871, -2.6398** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **159.9900, -21.6871, 2.6398**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.6510, 22.8501, -2.3249**, and **73.9560, 20.2347, -3.4694** is the 20% darker color. If you saturate the color by 10%, you get **108.5460, 28.8178, -3.1098**, and if you desaturate by 10%, it is **137.4740, 14.5563, -2.1697**.

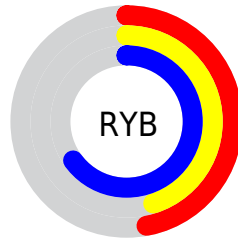
Distribution



Red (47%)

Green (45%)

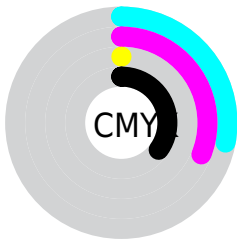
Blue (65%)



Red (47%)

Yellow (45%)

Blue (65%)

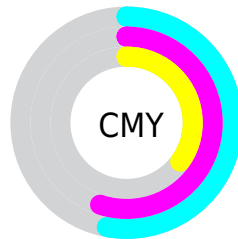


Cyan (28%)

Magenta (31%)

Yellow (0%)

Black (35%)



Cyan (53%)

Magenta (55%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 123.0100, 21.6871, -2.6398 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 123.0100, 21.6871, -2.6398 by changing the saturation by 10% instead.

■ 123.0100, 21.6871,
-2.6398

■ 123.0100, 21.6871,
-2.6398

■ 255.0000, 0.0000,
0.0000

■ 97.4830, 20.9609,
-3.0546

■ 175.6510, 22.8501,
-2.3249

■ 73.9560, 20.2347,
-3.4694

■ 203.1780, 23.5762,
-1.9101

■ 51.0160, 19.2191,
-4.3990

■ 228.4420, 13.0931,
0.4894

■ 28.4780, 18.4983,
-6.5582

■ 253.2390, 0.8682,
1.5444

■ 5.3150, 19.0717,
-3.7843

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,

0.0000

■ 123.0100, 21.6871,
-2.6398

■ 123.0100, 21.6871,
-2.6398

■ 108.5460, 28.8178,
-3.1098

■ 137.4740, 14.5563,
-2.1697

■ 94.3700, 35.8066,
-4.7095

■ 151.6500, 7.5675,
-0.5701

■ 79.9060, 42.9373,
-5.1796

■ 166.1140, 0.4368,
-0.1000

■ 65.1430, 50.2155,
-6.2644

■ 180.8770, -6.8414,
0.9849

■ 51.2660, 57.0569,
-7.2493

■ 194.7540,
-13.6827, 1.9697

■ 36.8020, 64.1876,
-7.7194

■ 209.2180,
-20.8135, 2.4398

■ 22.9250, 71.0290,
-8.7042

■ 223.9810,
-28.0916, 3.5247

■ 238.4450,
-35.2224, 3.9947

■ 244.9680,
-38.4382, 8.7981

Harmonies

Analogous

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



116.6040, 27.3102, -32.9787



123.0100, 21.6871, -2.6398



125.0580, 12.2964, 22.7511

Triad

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



123.0100, 21.6871, -2.6398



121.8290, -20.6217, 34.3530



107.5330, 4.6672, -50.4564

Complementary

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



123.0100, 21.6871, -2.6398



159.9900, -21.6871, 2.6398

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.



113.3870, -10.5438, -24.8954



123.0100, 21.6871, -2.6398



119.9920, -24.6461, 18.4240

Square

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



123.0100, 21.6871, -2.6398



122.9900, -11.3341, 42.1048



117.4840, -20.9446, -2.1785



97.9390, 22.2151, -78.8765

Rectangle

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



123.0100, 21.6871, -2.6398



124.7730, 4.5489, 34.4021



117.4840, -20.9446, -2.1785



109.9210, -0.4541, -41.1497

Sweetspot

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



123.0100, 21.6871, -2.6398



199.8780, 8.4411, -0.7700



149.9900, 8.3859, -29.8092



99.6670, 5.0942, -0.5850



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



123.0100, 21.6871, -2.6398



147.9140, 34.0594, -4.3096



130.4850, 18.0019, 12.7297



76.9120, 3.4944, -0.7998



20.4600, 62.8772, -7.4194



2.8780, 8.4411, -0.7700

Inverse Universe

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



136.6070, 13.0117, 26.6547



169.2420, 20.0937, 41.8838



152.5150, -18.0019, -12.7297



79.1900, 1.8783, 4.2184



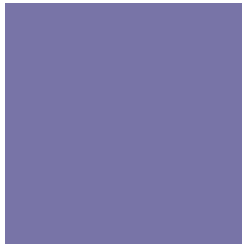
59.7560, 37.5883, 77.3900



8.1460, 5.3510, 10.3960

Previews

White Background



This preview shows how the YUV color 123.0100, 21.6871, -2.6398 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 123.0100, 21.6871, -2.6398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

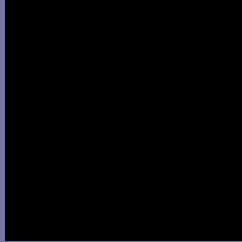
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 123.0100, 21.6871, -2.6398

Background



This preview shows how black text looks on a background with the YUV color 123.0100, 21.6871, -2.6398.



This preview shows how white text looks on a background with the YUV color 123.0100, 21.6871, -2.6398.

-2.6398.

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

123.0100, 21.6871, -2.6398

Protanopia

121.5140, 23.9036, -13.6058

Deuteranopia

121.6560, 21.8616, -11.9763



Tritanopia

121.0360, 5.4053, -7.0476

Trichromacy



Original Color

123.0100, 21.6871, -2.6398

Protanomaly

122.3080, 23.0192, -9.9171

Deuteranomaly

122.2650, 21.5614, -9.0024

Tritanomaly

121.6540, 11.5096, -4.9586

Monochromacy



Original Color

123.0100, 21.6871, -2.6398

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.7640, 8.0043, -0.6700

CSS Examples

Text

The CSS property to change the color of the text to YUV 123.0100, 21.6871, -2.6398 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(120, 116, 167)` looks like.

```
.text, #text, p{  
    color:rgb(120, 116, 167)  
}
```

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(120, 116, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 116, 167) }
```

Border

The CSS property to change the border of an element to YUV 123.0100, 21.6871, -2.6398 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(120, 116, 167) }
```


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

```
.border{ border-color:rgb(120, 116, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 116, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 116, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 116, 167);  
box-shadow:4px 4px 4px 4px rgb(120, 116,  
167) }
```

Background

The CSS property to change the background color of an element to YUV 123.0100, 21.6871, -2.6398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 116, 167) }
```

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

```
.background{ background-color: rgb(120,  
116, 167) }
```

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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