

Converting Colors

YUV(122.0250, 15.7637,
30.6731)

Have a look what the booklet for
YUV(122.0250, 15.7637, 30.6731)
contains.

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Color

**YUV(122.0250, 15.7637,
30.6731)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 9D629A |
| RGB | 157, 98, 154 |
| RGB Percent | 62%, 38%, 60% |
| CMY | 0.3843, 0.6157, 0.3961 |
| CMYK | 0.00, 0.38, 0.02, 0.38 |
| HSL | 303°, 23%, 50% |
| HSV | 303°, 38%, 62% |
| XYZ | 24.1050, 18.2366, 32.8214 |
| YIQ | 122.0250, 17.1880, 29.9240 |

Conversions

Conversions Part 2

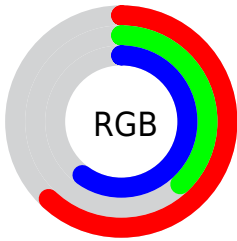
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 157, 98, 154 |
| Decimal | 10314394 |
| CIE _{Lab} | 49.78, 32.95, -20.68 |
| CIE _{LCh} | 50, 38.902, 327.881 |
| Yxy | 18.2366, 0.3207, 0.2426 |
| Android (android.graphics.Color) | 4288504474 (0xFF9D629A) |
| YUV | 122.0250, 15.7637, 30.6731 |
| Hunter-Lab | 42.7043, 26.0244, -15.6757 |

Details

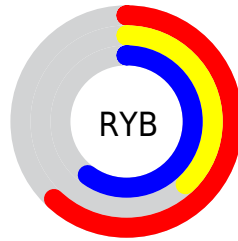
The YUV color **122.0250, 15.7637, 30.6731** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **132.9750, -15.7637, -30.6731**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.5630, 16.4844, 32.8322**, and **71.6010, 15.4797, 28.4139** is the 20% darker color. If you saturate the color by 10%, you get **112.5190, 19.9571, 39.0098**, and if you desaturate by 10%, it is **131.5310, 11.5702, 22.3363**.

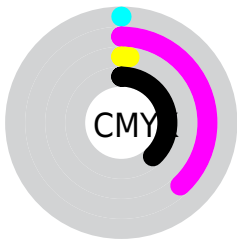
Distribution



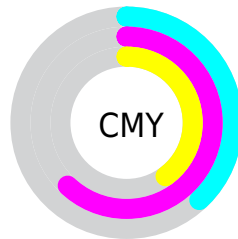
- Red (62%)
- Green (38%)
- Blue (60%)



- Red (62%)
- Yellow (38%)
- Blue (60%)



- Cyan (0%)
- Magenta (38%)
- Yellow (2%)
- Black (38%)





- Cyan (38%)
- Magenta (62%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YUV color 122.0250, 15.7637, 30.6731 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 122.0250, 15.7637, 30.6731 by changing the saturation by 10% instead.


 122.0250, 15.7637,
30.6731


 122.0250, 15.7637,
30.6731


255.0000, 0.0000,
0.0000


 96.3130, 15.6217,
29.5435


 175.5630, 16.4844,
32.8322

 71.6010, 15.4797,
28.4139


 202.9760, 16.7738,
33.3470

 47.3020, 15.6271,
27.7991

 225.6500, 14.4696,
25.7400

 22.7150, 15.9165,
28.3139

 242.0860, 6.3666,
11.3256

 14.6400, 9.5445,
18.7327

 0.7980, 3.0576,
-0.6998

 0.0000, 0.0000,

0.0000

■ 122.0250, 15.7637,
30.6731

■ 122.0250, 15.7637,
30.6731

■ 112.5190, 19.9571,
39.0098

■ 131.5310, 11.5702,
22.3363

■ 103.6000, 23.8612,
46.8318

■ 140.4500, 7.6662,
14.5144

■ 94.2080, 28.4915,
55.0686

■ 149.8420, 3.0359,
6.2776

■ 84.7020, 32.6849,
63.4053

■ 159.3480, -1.1576,
-2.0592

■ 75.7830, 36.5890,
71.2273

■ 168.8540, -5.3510,
-10.3960

■ 66.2770, 40.7824,
79.5641

■ 177.7730, -9.2551,
-18.2179

■ 63.9290, 41.9400,
81.6233

■ 187.2790,
-13.4485, -26.5547

■ 196.6710,
-18.0788, -34.7915

■ 205.5900,
-21.9829, -42.6134

Harmonies

Analogous

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



120.3180, 27.9442, -2.9099



122.0250, 15.7637, 30.6731



120.5470, 0.7163, 50.3863

Triad

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



122.0250, 15.7637, 30.6731



115.6520, -32.3664, 21.3532



96.1170, 25.5783, -84.2946

Complementary

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



122.0250, 15.7637, 30.6731



132.9750, -15.7637, -30.6731

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.



92.3550, 11.1640, -80.9953



122.0250, 15.7637, 30.6731



112.5670, -26.9015, -4.8823

Square

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



122.0250, 15.7637, 30.6731



117.5650, -26.9005, 41.6005



106.2670, -11.9636, -36.1912



96.7330, 38.0926, -84.8348

Rectangle

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



122.0250, 15.7637, 30.6731



118.9360, -9.3354, 54.4301



106.2670, -11.9636, -36.1912



94.9770, 21.2103, -83.2948

Sweetspot

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



122.0250, 15.7637, 30.6731



190.9720, 5.9298, 11.4256



105.6230, 25.3289, -4.0544



94.2550, 3.3253, 6.7924



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



122.0250, 15.7637, 30.6731



149.4260, 24.4400, 47.8614



118.7190, 3.0965, 33.5724



74.3040, 2.3151, 4.1184



58.2610, 38.3253, 74.3161



6.1950, 4.3409, 7.7220

Inverse Universe

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



122.0250, 15.7637, 30.6731



149.4260, 24.4400, 47.8614



136.2810, -3.0965, -33.5724



74.3040, 2.3151, 4.1184



58.2610, 38.3253, 74.3161



6.1950, 4.3409, 7.7220

Previews

White Background



This preview shows how the YUV color 122.0250, 15.7637, 30.6731 looks on a white background.

Color Contrast Check

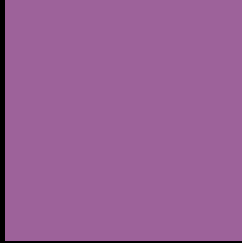
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 122.0250, 15.7637, 30.6731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

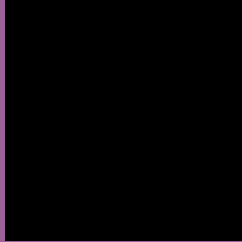
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 122.0250, 15.7637, 30.6731

Background



This preview shows how black text looks on a background with the YUV color 122.0250, 15.7637, 30.6731.



This preview shows how white text looks on a background with the YUV color 122.0250, 15.7637,

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

122.0250, 15.7637, 30.6731

Protanopia

118.6280, 24.3404, -13.7058

Deuteranopia

119.9790, 15.2934, -5.2436



Tritanopia

120.6660, -3.2863, 27.4799

Trichromacy



Original Color

122.0250, 15.7637, 30.6731

Protanomaly

119.9290, 21.2340, 2.6933

Deuteranomaly

120.7680, 15.3974, 8.0965

Tritanomaly

121.2130, 3.8390, 28.7542

Monochromacy



Original Color

122.0250, 15.7637, 30.6731

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.9720, 5.9298, 11.4256

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.0250, 15.7637, 30.6731 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(157, 98, 154)` looks like.

```
.text, #text, p{  
    color:rgb(157, 98, 154)  
}
```

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(157, 98, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 98, 154) }
```

Border

The CSS property to change the border of an element to YUV 122.0250, 15.7637, 30.6731 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(157, 98, 154) }
```


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

```
.border{ border-color:rgb(157, 98, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 98, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 98, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 98, 154);  
box-shadow:4px 4px 4px 4px rgb(157, 98,  
154) }
```

Background

The CSS property to change the background color of an element to YUV 122.0250, 15.7637, 30.6731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 98, 154) }
```

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

```
.background{ background-color: rgb(157, 98,  
154) }
```

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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