

Converting Colors

YUV(150.5720, 15.9870, 5.6374)

Have a look what the booklet for
YUV(150.5720, 15.9870, 5.6374)
contains.

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Color

**YUV(150.5720, 15.9870,
5.6374)**

Conversions

Conversions Part 1

Format	Color
Hex	9D8DB7
RGB	157, 141, 183
RGB Percent	62%, 55%, 72%
CMY	0.3843, 0.4471, 0.2824
CMYK	0.14, 0.23, 0.00, 0.28
HSL	263°, 23%, 64%
HSV	263°, 23%, 72%
XYZ	31.9767, 29.6367, 48.8349
YIQ	150.5720, -3.9460, 16.4540

Conversions

Conversions Part 2

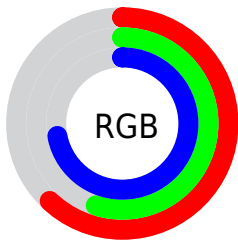
Format	Color
RYB	157, 141, 183
Decimal	10325431
CIELab	61.34, 14.39, -19.75
CIELCh	61, 24.436, 306.082
Yxy	29.6367, 0.2895, 0.2683
Android (android.graphics.Color)	4288515511 (0xFF9D8DB7)
YUV	150.5720, 15.9870, 5.6374
Hunter-Lab	54.4396, 9.5779, -15.0781

Details

The YUV color $150.5720, 15.9870, 5.6374$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $173.4280, -15.9870, -5.6374$, and the grayscale version is $150.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $205.0990, 16.7132, 6.0522$, and $99.6320, 14.9714, 4.7077$ is the 20% darker color. If you saturate the color by 10%, you get $136.7170, 22.8175, 8.1412$, and if you desaturate by 10%, it is $164.4270, 9.1565, 3.1335$.

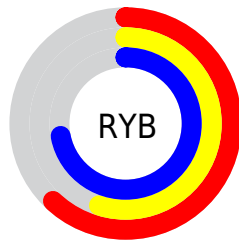
Distribution



Red (62%)

Green (55%)

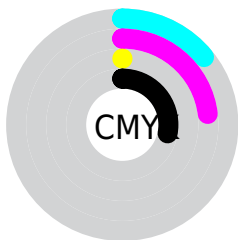
Blue (72%)



Red (62%)

Yellow (55%)

Blue (72%)

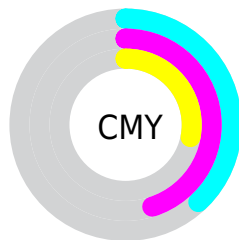


Cyan (14%)

Magenta (23%)

Yellow (0%)

Black (28%)



Cyan (38%)

Magenta (45%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.5720, 15.9870, 5.6374 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 150.5720, 15.9870, 5.6374 by changing the saturation by 10% instead.

■ 150.5720, 15.9870,
5.6374

■ 150.5720, 15.9870,
5.6374

■ 255.0000, 0.0000,
0.0000

■ 124.4580, 15.5502,
5.7373

■ 205.0990, 16.7132,
6.0522

■ 99.6320, 14.9714,
4.7077

■ 231.7310, 11.4716,
7.2519

■ 75.5180, 14.5346,
4.8077

■ 252.6520, 1.1576,
2.0592

■ 52.5780, 13.5190,
3.8781

■ 31.0510, 12.7929,
3.4633

■ 8.8880, 13.3662,
6.2372

■ 1.3680, 5.2416,

-1.1997

0.0000, 0.0000,
0.0000

150.5720, 15.9870,
5.6374

150.5720, 15.9870,
5.6374

136.7170, 22.8175,
8.1412

164.4270, 9.1565,
3.1335

121.9760, 30.0848,
10.5450

179.1680, 1.8892,
0.7297

108.1210, 36.9153,
13.0489

193.0230, -4.9413,
-1.7742

94.2660, 43.7459,
15.5527

206.8780,
-11.7719, -4.2780

79.5250, 51.0132,
17.9566

221.6190,
-19.0392, -6.6819

65.6700, 57.8437,
20.4604

235.4740,
-25.8697, -9.1857

51.8150, 64.6742,
22.9642

241.1110,
-28.6487, -4.4823

41.7920, 69.6155,
24.7384

244.6990,
-30.4176, 2.8950

246.7920,
-31.4495, 7.1984

Harmonies

Analogous

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



147.2100, 21.5885, -17.7242



150.5720, 15.9870, 5.6374



151.9890, 6.9074, 24.5656

Triad

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



150.5720, 15.9870, 5.6374



148.7140, -19.5790, 26.5608



138.1580, 6.8241, -42.2346

Complementary

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



150.5720, 15.9870, 5.6374



173.4280, -15.9870, -5.6374

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.



141.3420, -5.5916, -26.6099



150.5720, 15.9870, 5.6374



146.3870, -20.4038, 11.0616

Square

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



150.5720, 15.9870, 5.6374



150.1910, -12.9122, 34.9125



143.9440, -15.2554, -6.9669



137.8720, 17.3181, -48.1227

Rectangle

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



150.5720, 15.9870, 5.6374



151.0240, 0.4812, 32.4280



143.9440, -15.2554, -6.9669



139.0400, 2.4453, -37.7461

Sweetspot

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



150.5720, 15.9870, 5.6374



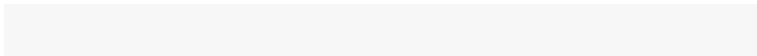
224.6180, 6.1043, 2.0890



161.6370, 10.5320, -18.0986



112.3360, 3.7784, 1.4593



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



150.5720, 15.9870, 5.6374



185.9990, 25.1435, 8.7709



156.5520, 13.0389, 17.9329



84.9230, 3.4890, 0.9445



35.4250, 59.4435, 20.6753



6.4810, 10.6089, 3.9632

Inverse Universe

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



156.5220, 5.1657, 23.2212



195.4080, 8.1799, 36.4762



167.4480, -13.0389, -17.9329



86.2610, 0.8573, 5.0331



57.5880, 18.9371, 86.3073



10.3100, 3.2982, 15.5141

Previews

White Background



This preview shows how the YUV color 150.5720, 15.9870, 5.6374 looks on a white background.

Color Contrast Check

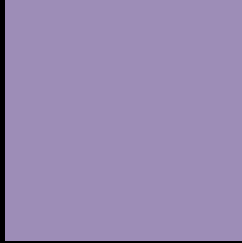
Large Text (above 18pt) WCAG AA ✓ Pass

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 150.5720, 15.9870, 5.6374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

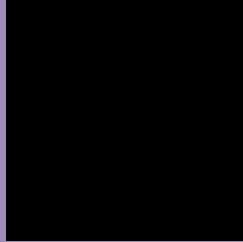
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 150.5720, 15.9870, 5.6374

Background



This preview shows how black text looks on a background with the YUV color 150.5720, 15.9870, 5.6374.



This preview shows how white text looks on a background with the YUV color 150.5720, 15.9870,

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

150.5720, 15.9870, 5.6374

Protanopia

148.8690, 18.7986, -9.5321

Deuteranopia

149.2180, 16.1615, -3.6992



Tritanopia

149.3470, 3.7729, 3.2037

Trichromacy



Original Color

150.5720, 15.9870, 5.6374

Protanomaly

149.6740, 17.9087, -4.0991

Deuteranomaly

149.8270, 15.8613, -0.7253

Tritanomaly

149.4980, 8.1355, 3.9483

Monochromacy



Original Color

150.5720, 15.9870, 5.6374

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

150.6180, 6.1043, 2.0890

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.5720, 15.9870, 5.6374 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, 141, 183)` looks like.

```
.text, #text, p{  
    color:rgb(157, 141, 183)  
}
```

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, 141, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 141, 183) }
```

Border

The CSS property to change the border of an element to YUV 150.5720, 15.9870, 5.6374 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, 141, 183) }
```


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

```
.border{ border-color:rgb(157, 141, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 141, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 141, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 141, 183); box-shadow:4px 4px 4px 4px rgb(157, 141, 183) }
```

Background

The CSS property to change the background color of an element to YUV 150.5720, 15.9870, 5.6374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 141, 183) }
```

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

```
.background{ background-color: rgb(157,  
141, 183) }
```

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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