

Converting Colors

YUV(159.9570, 18.7552, 4.4227)

Have a look what the booklet for
YUV(159.9570, 18.7552, 4.4227)
contains.

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Color

**YUV(159.9570, 18.7552,
4.4227)**

Conversions

Conversions Part 1

Format	Color
Hex	A596C6
RGB	165, 150, 198
RGB Percent	65%, 59%, 78%
CMY	0.3529, 0.4118, 0.2235
CMYK	0.17, 0.24, 0.00, 0.22
HSL	259°, 30%, 68%
HSV	259°, 24%, 78%
XYZ	36.6164, 33.8892, 58.0375
YIQ	159.9570, -6.4680, 18.1080

Conversions

Conversions Part 2

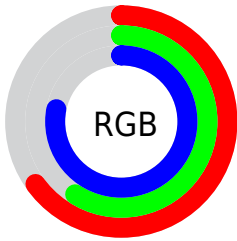
Format	Color
R_{YB}	165, 150, 198
Decimal	10852038
CIE _{Lab}	64.87, 15.22, -22.72
CIE _{LCh}	65, 27.348, 303.815
Yxy	33.8892, 0.2849, 0.2636
Android (android.graphics.Color)	4289042118 (0xFFA596C6)
YUV	159.9570, 18.7552, 4.4227
Hunter-Lab	58.2145, 10.3998, -18.3596

Details

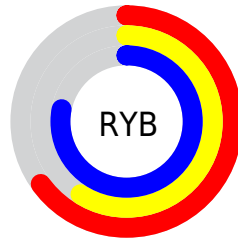
The YUV color **159.9570, 18.7552, 4.4227** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **188.0430, -18.7552, -4.4227**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.5980, 19.9182, 4.7376**, and **108.3160, 17.5922, 4.1079** is the 20% darker color. If you saturate the color by 10%, you get **144.0310, 26.6067, 6.1118**, and if you desaturate by 10%, it is **175.8830, 10.9037, 2.7336**.

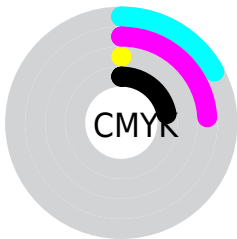
Distribution



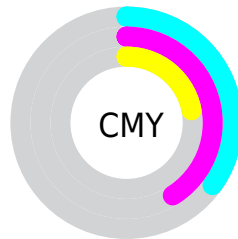
- Red (65%)
- Green (59%)
- Blue (78%)



- Red (65%)
- Yellow (59%)
- Blue (78%)



- Cyan (17%)
- Magenta (24%)
- Yellow (0%)
- Black (22%)



- Cyan (35%)
- Magenta (41%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.9570, 18.7552, 4.4227 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 159.9570, 18.7552, 4.4227 by changing the saturation by 10% instead.

■ 159.9570, 18.7552,
4.4227

■ 159.9570, 18.7552,
4.4227

255.0000, 0.0000,
0.0000

■ 133.5440, 18.4658,
3.9079

■ 214.5980, 19.9182,
4.7376

■ 108.3160, 17.5922,
4.1079

■ 239.7050, 7.5404,
8.1517

■ 83.7890, 16.8660,
3.6930

■ 60.8490, 15.8504,
2.7634

■ 38.1370, 15.7085,
1.6339

■ 16.3220, 15.1243,
2.3486

■ 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 159.9570, 18.7552,
4.4227

■ 159.9570, 18.7552,
4.4227

■ 144.0310, 26.6067,
6.1118

■ 175.8830, 10.9037,
2.7336

■ 128.4040, 34.3108,
8.4157

■ 191.5100, 3.1996,
0.4297

■ 113.0650, 41.8730,
9.5900

■ 206.8490, -4.3626,
-0.7446

■ 97.4380, 49.5771,
11.8939

■ 222.4760,
-12.0667, -3.0485

■ 81.5120, 57.4286,
13.5830

■ 238.4020,
-19.9182, -4.7376

■ 65.5860, 65.2801,
15.2721

■ 246.1100,
-23.7182, 0.7805

■ 49.9590, 72.9842,
17.5760

■ 248.5020,
-24.8975, 5.6987

■ 41.1100, 77.3468,
18.3205

Harmonies

Analogous

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



155.6870, 24.8043, -22.5275



159.9570, 18.7552, 4.4227



161.4560, 8.6492, 25.9101

Triad

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



159.9570, 18.7552, 4.4227



158.1660, -21.7738, 30.5494



145.8260, 6.9878, -48.0824

Complementary

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



159.9570, 18.7552, 4.4227



188.0430, -18.7552, -4.4227

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.



149.5760, -7.1860, -28.5692



159.9570, 18.7552, 4.4227



156.0130, -23.1774, 14.0206

Square

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



159.9570, 18.7552, 4.4227



159.5830, -14.0914, 39.8307



152.8470, -18.1656, -6.8818



144.6860, 19.3818, -56.7296

Rectangle

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



159.9570, 18.7552, 4.4227



161.1600, 0.9071, 35.8167



152.8470, -18.1656, -6.8818



147.1920, 1.8773, -42.2644

Sweetspot

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



159.9570, 18.7552, 4.4227



240.8460, 6.9779, 1.8891



175.4300, 11.1270, -22.3021



119.1510, 4.3626, 0.7446



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



159.9570, 18.7552, 4.4227



196.3130, 28.9327, 6.7415



166.8340, 15.3648, 18.5626



91.9230, 3.4890, 0.9445



33.8310, 63.6803, 15.0572



7.3930, 14.1033, 3.1633

Inverse Universe

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



168.1140, 7.3388, 26.2100



208.9400, 11.3686, 40.3946



181.1660, -15.3648, -18.5626



93.3750, 1.2941, 4.9331



61.5050, 24.8940, 89.0111



13.6140, 5.6133, 19.6325

Previews

White Background



This preview shows how the YUV color 159.9570, 18.7552, 4.4227 looks on a white background.

Color Contrast Check

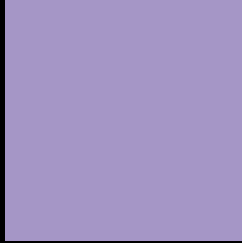
Large Text (above 18pt) WCAG AA × Fail

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 159.9570, 18.7552, 4.4227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

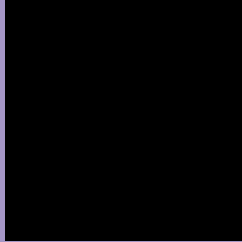
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.9570, 18.7552, 4.4227

Background



This preview shows how black text looks on a background with the YUV color 159.9570, 18.7552, 4.4227.



This preview shows how white text looks on a background with the YUV color 159.9570, 18.7552,

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

159.9570, 18.7552, 4.4227

Protanopia

157.9550, 21.7142, -11.3615

Deuteranopia

158.3040, 19.0771, -5.5286



Tritanopia

158.5640, 4.6519, 1.2594

Trichromacy



Original Color

159.9570, 18.7552, 4.4227

Protanomaly

158.7600, 20.8243, -5.9285

Deuteranomaly

159.2120, 18.6295, -1.9399

Tritanomaly

159.2420, 9.7407, 2.4188

Monochromacy



Original Color

159.9570, 18.7552, 4.4227

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

159.8460, 6.9779, 1.8891

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.9570, 18.7552, 4.4227 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(165, 150, 198)` looks like.

```
.text, #text, p{  
    color:rgb(165, 150, 198)  
}
```

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(165, 150, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 150, 198) }
```

Border

The CSS property to change the border of an element to YUV 159.9570, 18.7552, 4.4227 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(165, 150, 198) }
```


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

```
.border{ border-color:rgb(165, 150, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 150, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 150, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 150, 198);  
box-shadow:4px 4px 4px 4px rgb(165, 150,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 159.9570, 18.7552, 4.4227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 150, 198) }
```

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

```
.background{ background-color: rgb(165,  
150, 198) }
```

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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