

Converting Colors

YUV(133.1550, 15.2066,
22.6661)

Have a look what the booklet for
YUV(133.1550, 15.2066, 22.6661)
contains.

YUV(133.1550, 15.2066, 22.6661)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(133.1550, 15.2066,
22.6661)**

Conversions

Conversions Part 1

Format	Color
Hex	9F72A4
RGB	159, 114, 164
RGB Percent	62%, 45%, 64%
CMY	0.3765, 0.5529, 0.3569
CMYK	0.03, 0.30, 0.00, 0.36
HSL	294°, 22%, 55%
HSV	294°, 30%, 64%
XYZ	27.0162, 22.0859, 37.9611
YIQ	133.1550, 10.7700, 25.0900

Conversions

Conversions Part 2

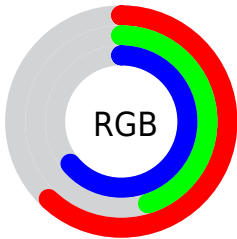
Format	Color
R_{YB}	159, 114, 164
Decimal	10449572
CIE _{Lab}	54.12, 26.52, -19.87
CIE _{LCh}	54, 33.136, 323.154
Yxy	22.0859, 0.3103, 0.2537
Android (android.graphics.Color)	4288639652 (0xFF9F72A4)
YUV	133.1550, 15.2066, 22.6661
Hunter-Lab	46.9956, 20.3714, -14.9950

Details

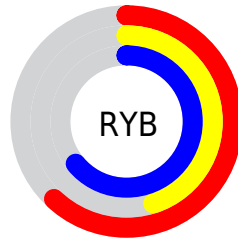
The YUV color **133.1550, 15.2066, 22.6661** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **144.8450, -15.2066, -22.6661**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.3940, 16.0748, 24.2105**, and **82.9160, 14.3384, 21.1217** is the 20% darker color. If you saturate the color by 10%, you get **123.1650, 20.1317, 29.6733**, and if you desaturate by 10%, it is **143.1450, 10.2815, 15.6588**.

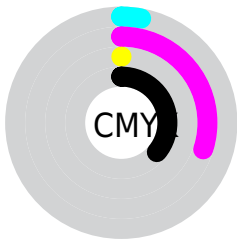
Distribution



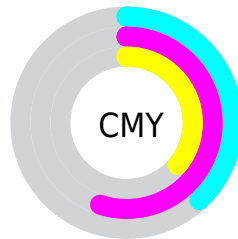
- Red (62%)
- Green (45%)
- Blue (64%)



- Red (62%)
- Yellow (45%)
- Blue (64%)



- Cyan (3%)
- Magenta (30%)
- Yellow (0%)
- Black (36%)





- Cyan (38%)
- Magenta (55%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YUV color 133.1550, 15.2066, 22.6661 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 133.1550, 15.2066, 22.6661 by changing the saturation by 10% instead.


 133.1550, 15.2066,
22.6661


 133.1550, 15.2066,
22.6661


255.0000, 0.0000,
0.0000

 107.4430, 15.0646,
21.5365


 186.3940, 16.0748,
24.2105


 82.9160, 14.3384,
21.1217


 214.8070, 16.3641,
24.7253


 59.2040, 14.1964,
19.9921

 235.6290, 9.5499,
16.9884

 36.3780, 13.6176,
18.9625

 252.6520, 1.1576,
2.0592

 15.5520, 13.0389,
17.9329

 2.2800, 8.7360,
-1.9996

 0.0000, 0.0000,

0.0000

■ 133.1550, 15.2066,
22.6661

■ 133.1550, 15.2066,
22.6661

■ 123.1650, 20.1317,
29.6733

■ 143.1450, 10.2815,
15.6588

■ 112.8870, 25.1987,
37.8101

■ 153.4230, 5.2145,
7.5220

■ 102.8970, 30.1238,
44.8173

■ 163.4130, 0.2894,
0.5148

■ 92.3200, 35.3382,
52.3394

■ 173.9900, -4.9251,
-7.0072

■ 82.6290, 40.1159,
59.9614

■ 183.6810, -9.7027,
-14.6292

■ 72.6390, 45.0410,
66.9686

■ 193.6710,
-14.6278, -21.6365

62.9480, 49.8186,
74.5906

203.9490,
-19.6949, -29.7733

213.9390,
-24.6199, -36.7805

220.4070,
-27.8087, -40.6989

Harmonies

Analogous

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



130.3130, 25.4817, -6.4135



133.1550, 15.2066, 22.6661



132.2470, 2.3432, 41.8794

Triad

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



133.1550, 15.2066, 22.6661



127.6290, -27.4251, 23.1274



101.7420, 24.2842, -89.2277

Complementary

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



133.1550, 15.2066, 22.6661



144.8450, -15.2066, -22.6661

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.



113.6850, 4.0993, -54.9747



133.1550, 15.2066, 22.6661



124.6970, -24.0076, 0.2657

Square

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



133.1550, 15.2066, 22.6661



129.5200, -21.9484, 39.8860



120.9910, -13.3066, -25.4251



102.6030, 35.1987, -89.9828

Rectangle

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



133.1550, 15.2066, 22.6661



131.5760, -6.6930, 46.8528



120.9910, -13.3066, -25.4251



102.6840, 18.8898, -85.6689

Sweetspot

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



133.1550, 15.2066, 22.6661



202.2490, 5.7932, 8.5516



122.6350, 20.3929, -7.5729



99.6570, 3.6201, 5.5628



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



133.1550, 15.2066, 22.6661



165.2350, 24.0411, 35.7509



132.4840, 6.1704, 27.6395



76.4180, 2.7519, 4.0184



55.6990, 44.0254, 66.0390



6.8360, 5.5039, 8.0368

Inverse Universe

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



129.5200, -5.1864, 30.2390



159.5330, -8.1508, 47.7676



145.5160, -6.1704, -27.6395



75.8050, -0.8899, 5.4330



45.0650, -14.8220, 87.6430



5.6100, -1.7797, 10.8660

Previews

White Background



This preview shows how the YUV color 133.1550, 15.2066, 22.6661 looks on a white background.

Color Contrast Check

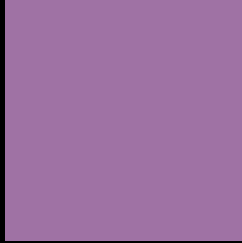
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.1550, 15.2066, 22.6661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

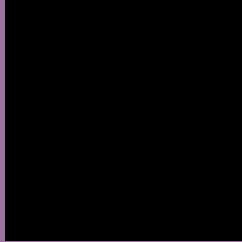
Any Text WCAG AA ✓ Pass

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 133.1550, 15.2066, 22.6661 Background



This preview shows how black text looks on a background with the YUV color 133.1550, 15.2066, 22.6661.



This preview shows how white text looks on a background with the YUV color 133.1550, 15.2066,

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

133.1550, 15.2066, 22.6661

Protanopia

129.9550, 21.7142, -11.3615

Deuteranopia

130.6910, 15.4353, -4.1140



Tritanopia

131.8930, -0.9332, 19.3878

Trichromacy



Original Color

133.1550, 15.2066, 22.6661

Protanomaly

131.0490, 19.2028, 0.8340

Deuteranomaly

131.4580, 15.5502, 5.7373

Tritanomaly

132.0980, 4.8817, 20.9621

Monochromacy



Original Color

133.1550, 15.2066, 22.6661

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.8360, 5.5039, 8.0368

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.1550, 15.2066, 22.6661 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(159, 114, 164)` looks like.

```
.text, #text, p{  
    color:rgb(159, 114, 164)  
}
```

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(159, 114, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 114, 164) }
```

Border

The CSS property to change the border of an element to YUV 133.1550, 15.2066, 22.6661 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(159, 114, 164) }
```


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

```
.border{ border-color:rgb(159, 114, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 114, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 114, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 114, 164); box-shadow:4px 4px 4px 4px rgb(159, 114, 164) }
```

Background

The CSS property to change the background color of an element to YUV 133.1550, 15.2066, 22.6661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 114, 164) }
```

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

```
.background{ background-color: rgb(159,  
114, 164) }
```

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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