

Converting Colors

YUV(153.8580, 22.2550, 1.8785)

Have a look what the booklet for
YUV(153.8580, 22.2550, 1.8785)
contains.

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Color

**YUV(153.8580, 22.2550,
1.8785)**

Conversions

Conversions Part 1

Format	Color
Hex	9C90C7
RGB	156, 144, 199
RGB Percent	61%, 56%, 78%
CMY	0.3882, 0.4353, 0.2196
CMYK	0.22, 0.28, 0.00, 0.22
HSL	253°, 33%, 67%
HSV	253°, 28%, 78%
XYZ	33.9924, 31.1380, 58.2515
YIQ	153.8580, -10.5030, 19.6490

Conversions

Conversions Part 2

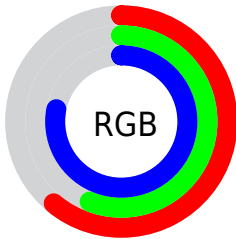
Format	Color
R _Y B	156, 144, 199
Decimal	10260679
CIE Lab	62.62, 16.01, -26.80
CIE LCh	63, 31.221, 300.857
Yxy	31.1380, 0.2755, 0.2524
Android (android.graphics.Color)	4288450759 (0xFF9C90C7)
YUV	153.8580, 22.2550, 1.8785
Hunter-Lab	55.8014, 11.0838, -22.8323

Details

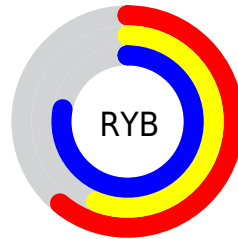
The YUV color **153.8580, 22.2550, 1.8785** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **189.1420, -22.2550, -1.8785**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.3850, 22.9812, 2.2934**, and **102.8040, 20.8026, 1.0489** is the 20% darker color. If you saturate the color by 10%, you get **137.3340, 30.4013, 2.3381**, and if you desaturate by 10%, it is **170.3820, 14.1087, 1.4190**.

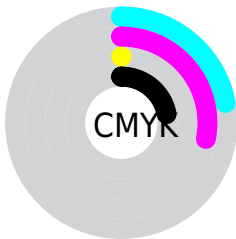
Distribution



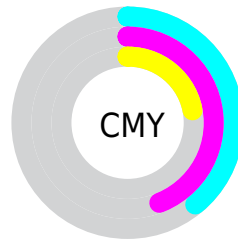
- Red (61%)
- Green (56%)
- Blue (78%)



- Red (61%)
- Yellow (56%)
- Blue (78%)



- Cyan (22%)
- Magenta (28%)
- Yellow (0%)
- Black (22%)



- Cyan (39%)
- Magenta (44%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.8580, 22.2550, 1.8785 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 153.8580, 22.2550, 1.8785 by changing the saturation by 10% instead.

■ 153.8580, 22.2550,
1.8785

■ 153.8580, 22.2550,
1.8785

■ 255.0000, 0.0000,
0.0000

■ 127.4450, 21.9656,
1.3637

■ 208.3850, 22.9812,
2.2934

■ 102.8040, 20.8026,
1.0489

■ 233.4920, 10.6034,
5.7075

■ 78.2770, 20.0764,
0.6341

■ 55.3370, 19.0609,
-0.2955

■ 33.0980, 18.1927,
-1.8399

■ 8.7610, 19.3448,
1.9636

■ 3.5510, 11.0674,

-3.1142

0.0000, 0.0000,
0.0000

153.8580, 22.2550,
1.8785

153.8580, 22.2550,
1.8785

137.3340, 30.4013,
2.3381

170.3820, 14.1087,
1.4190

121.1090, 38.4003,
3.4124

186.6070, 6.1097,
0.3447

104.5850, 46.5466,
3.8720

203.1310, -2.0366,
-0.1149

88.3600, 54.5455,
4.9463

219.3560,
-10.0355, -1.1892

71.8360, 62.6919,
5.4058

235.8800,
-18.1818, -1.6488

■ 56.1980, 70.4014,
5.9654

■ 246.8220,
-23.5762, 1.9101

■ 39.6740, 78.5477,
6.4249

■ 248.6160,
-24.4607, 5.5988

■ 35.5430, 80.5843,
6.5398

Harmonies

Analogous

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



147.9680, 28.6098, -29.7899



153.8580, 22.2550, 1.8785



155.5640, 11.5539, 27.5694

Triad

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



153.8580, 22.2550, 1.8785



151.4440, -23.3899, 35.5676



136.7820, 7.0095, -55.0598

Complementary

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



153.8580, 22.2550, 1.8785



189.1420, -22.2550, -1.8785

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.



142.6960, -9.2171, -30.4284



153.8580, 22.2550, 1.8785



149.8240, -26.5352, 17.6944

Square

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



153.8580, 22.2550, 1.8785



153.5020, -14.5445, 45.1637



146.3480, -21.3706, -5.5672



133.3960, 22.4828, -71.3843

Rectangle

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



153.8580, 22.2550, 1.8785



155.0510, 2.9329, 39.4203



146.3480, -21.3706, -5.5672



139.0450, 1.4568, -47.3975

Sweetspot

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



153.8580, 22.2550, 1.8785



238.4760, 8.1463, 0.4595



175.5110, 11.5801, -27.6351



117.3790, 5.2362, 0.5446



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.



153.8580, 22.2550, 1.8785



185.9580, 34.0377, 2.6678



161.9310, 18.2750, 18.4775



91.6240, 3.6364, 0.3298



29.3460, 65.8914, 5.8356



6.4960, 14.5455, 1.3190

Inverse Universe

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



165.3470, 10.6749, 29.5137



203.6400, 16.4465, 45.0427



181.0690, -18.2750, -18.4775



93.4890, 1.7309, 4.8331



63.3290, 31.8828, 87.4115



13.9560, 6.9237, 19.3326

Previews

White Background



This preview shows how the YUV color 153.8580, 22.2550, 1.8785 looks on a white background.

Color Contrast Check

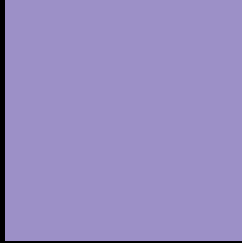
Large Text (above 18pt) WCAG AA × Fail

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 153.8580, 22.2550, 1.8785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

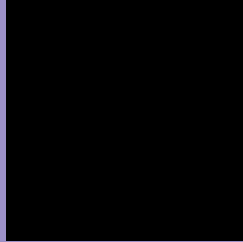
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 153.8580, 22.2550, 1.8785

Background



This preview shows how black text looks on a background with the YUV color 153.8580, 22.2550, 1.8785.



This preview shows how white text looks on a background with the YUV color 153.8580, 22.2550,

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

153.8580, 22.2550, 1.8785

Protanopia

151.8560, 25.2140, -13.9057

Deuteranopia

152.1940, 22.5824, -9.8171



Tritanopia

151.7700, 5.5364, -2.4293

Trichromacy



Original Color

153.8580, 22.2550, 1.8785

Protanomaly

152.6610, 24.3241, -8.4727

Deuteranomaly

152.5150, 22.4241, -5.7137

Tritanomaly

152.3880, 11.6407, -0.3403

Monochromacy



Original Color

153.8580, 22.2550, 1.8785

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

153.7750, 7.9989, 1.0743

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.8580, 22.2550, 1.8785 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(156, 144, 199)` looks like.

```
.text, #text, p{  
    color:rgb(156, 144, 199)  
}
```

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(156, 144, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 144, 199) }
```

Border

The CSS property to change the border of an element to YUV 153.8580, 22.2550, 1.8785 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(156, 144, 199) }
```


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

```
.border{ border-color:rgb(156, 144, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 144, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 144, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 144, 199);  
box-shadow:4px 4px 4px 4px rgb(156, 144,  
199) }
```

Background

The CSS property to change the background color of an element to YUV 153.8580, 22.2550, 1.8785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 144, 199) }
```

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

```
.background{ background-color: rgb(156,  
144, 199) }
```

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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