

Converting Colors

YUV(153.3170, 16.1127,
12.0000)

Have a look what the booklet for
YUV(153.3170, 16.1127, 12.0000)
contains.

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Color

**YUV(153.3170, 16.1127,
12.0000)**

Conversions

Conversions Part 1

Format	Color
Hex	A78CBA
RGB	167, 140, 186
RGB Percent	65%, 55%, 73%
CMY	0.3451, 0.4510, 0.2706
CMYK	0.10, 0.25, 0.00, 0.27
HSL	275°, 25%, 64%
HSV	275°, 25%, 73%
XYZ	34.1774, 30.5168, 50.5434
YIQ	153.3170, 1.3260, 20.0300

Conversions

Conversions Part 2

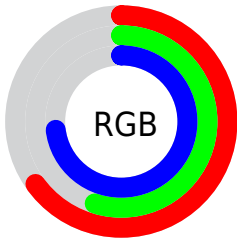
Format	Color
R _Y B	167, 140, 186
Decimal	10980538
CIE Lab	62.10, 18.92, -20.21
CIE LCh	62, 27.684, 313.124
Yxy	30.5168, 0.2966, 0.2648
Android (android.graphics.Color)	4289170618 (0xFFA78CBA)
YUV	153.3170, 16.1127, 12.0000
Hunter-Lab	55.2420, 13.7615, -15.5776

Details

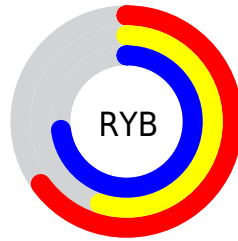
The YUV color **153.3170, 16.1127, 12.0000** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **172.6830, -16.1127, -12.0000**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.8440, 16.8389, 12.4148**, and **102.3770, 15.0971, 11.0704** is the 20% darker color. If you saturate the color by 10%, you get **139.7720, 22.7904, 16.8630**, and if you desaturate by 10%, it is **166.8620, 9.4350, 7.1370**.

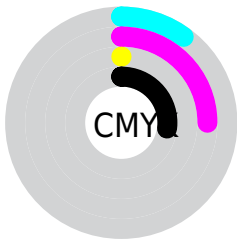
Distribution



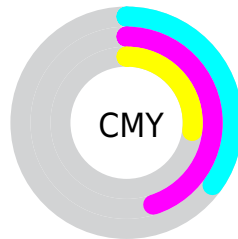
- Red (65%)
- Green (55%)
- Blue (73%)



- Red (65%)
- Yellow (55%)
- Blue (73%)



- Cyan (10%)
- Magenta (25%)
- Yellow (0%)
- Black (27%)



- Cyan (35%)
- Magenta (45%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.3170, 16.1127, 12.0000 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 153.3170, 16.1127, 12.0000 by changing the saturation by 10% instead.

■ 153.3170, 16.1127,
12.0000

■ 153.3170, 16.1127,
12.0000

255.0000, 0.0000,
0.0000

■ 126.9040, 15.8233,
11.4852

■ 207.8440, 16.8389,
12.4148

■ 102.3770, 15.0971,
11.0704

■ 234.4330, 10.1395,
14.5293

■ 77.8500, 14.3710,
10.6556

■ 252.0650, 1.4470,
2.5740

■ 55.0240, 13.7922,
9.6260

■ 32.6110, 13.5028,
9.1112

■ 11.5080, 13.0606,
10.9555

■ 2.2970, 6.2626,

-2.0145

■ 0.0000, 0.0000,
0.0000

■ 153.3170, 16.1127,
12.0000

■ 153.3170, 16.1127,
12.0000

■ 139.7720, 22.7904,
16.8630

■ 166.8620, 9.4350,
7.1370

■ 127.1130, 29.0313,
21.8259

■ 179.5210, 3.1941,
2.1741

■ 113.5680, 35.7090,
26.6889

■ 193.0660, -3.4835,
-2.6889

■ 100.6100, 42.0973,
31.0370

■ 206.0240, -9.8718,
-7.0370

■ 87.3640, 48.6275,
36.5148

■ 219.2700,
-16.4021, -12.5148

73.8190, 55.3052,
41.3777

232.8150,
-23.0798, -17.3778

60.8610, 61.6935,
45.7259

236.9680,
-25.1272, -14.0039

53.7950, 65.1771,
48.4148

239.0610,
-26.1591, -9.7005

241.4530,
-27.3383, -4.7823

Harmonies

Analogous

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



150.1010, 23.6142, -14.1206



153.3170, 16.1127, 12.0000



153.6910, 5.5753, 31.8430

Triad

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



153.3170, 16.1127, 12.0000



150.2040, -22.7786, 26.1311



137.2320, 11.2246, -53.7005

Complementary

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



153.3170, 16.1127, 12.0000



172.6830, -16.1127, -12.0000

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.



140.9710, -2.9437, -35.9316



153.3170, 16.1127, 12.0000



147.4960, -22.4295, 7.4580

Square

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



153.3170, 16.1127, 12.0000



151.5890, -16.5594, 38.0714



144.9000, -15.2337, -13.9443



137.7830, 22.2920, -56.8147

Rectangle

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



153.3170, 16.1127, 12.0000



153.5580, -2.7401, 38.9756



144.9000, -15.2337, -13.9443



138.4130, 6.6984, -48.5972

Sweetspot

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



153.3170, 16.1127, 12.0000



229.9280, 5.9515, 4.4481



156.3970, 14.5943, -14.3802



115.5210, 3.1941, 2.1741



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



153.3170, 16.1127, 12.0000



190.7660, 25.2584, 18.6222



158.5420, 11.5648, 24.0807



85.5210, 3.1941, 2.1741



44.9930, 54.7265, 40.3481



7.9760, 9.8718, 7.0370

Inverse Universe

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



155.9200, 1.5184, 26.3802



194.9480, 2.4906, 41.2646



167.4580, -11.5648, -24.0807



86.0330, -0.0163, 5.2331



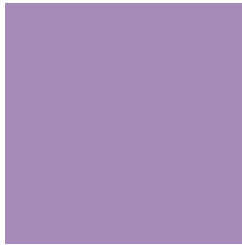
53.9400, 4.9596, 89.5066



9.7400, 1.1142, 16.0140

Previews

White Background



This preview shows how the YUV color 153.3170, 16.1127, 12.0000 looks on a white background.

Color Contrast Check

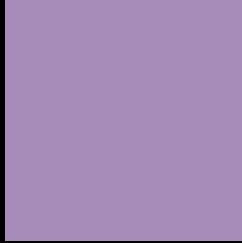
Large Text (above 18pt) WCAG AA × Fail

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 153.3170, 16.1127, 12.0000 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 153.3170, 16.1127, 12.0000

Background



This preview shows how black text looks on a background with the YUV color 153.3170, 16.1127, 12.0000.



This preview shows how white text looks on a background with the YUV color 153.3170, 16.1127,

12.0000.

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

153.3170, 16.1127, 12.0000

Protanopia

150.9120, 20.2564, -10.4468

Deuteranopia

151.3320, 16.5983, -3.7992



Tritanopia

151.4510, 2.7357, 9.2515

Trichromacy



Original Color

153.3170, 16.1127, 12.0000

Protanomaly

151.9130, 18.7769, -2.5547

Deuteranomaly

151.6640, 16.4346, 2.0487

Tritanomaly

152.1290, 7.8244, 10.4109

Monochromacy



Original Color

153.3170, 16.1127, 12.0000

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

152.9280, 5.9515, 4.4481

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.3170, 16.1127, 12.0000 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(167, 140, 186)` looks like.

```
.text, #text, p{  
    color:rgb(167, 140, 186)  
}
```

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(167, 140, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 140, 186) }
```

Border

The CSS property to change the border of an element to YUV 153.3170, 16.1127, 12.0000 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(167, 140, 186) }
```


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

```
.border{ border-color:rgb(167, 140, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 140, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 140, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 140, 186);  
box-shadow:4px 4px 4px 4px rgb(167, 140,  
186) }
```

Background

The CSS property to change the background color of an element to YUV 153.3170, 16.1127, 12.0000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 140, 186) }
```

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

```
.background{ background-color: rgb(167,  
140, 186) }
```

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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