

Converting Colors

YUV(163.3260, 22.5173,
11.1151)

Have a look what the booklet for
YUV(163.3260, 22.5173, 11.1151)
contains.

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Color

**YUV(163.3260, 22.5173,
11.1151)**

Conversions

Conversions Part 1

Format	Color
Hex	B094D1
RGB	176, 148, 209
RGB Percent	69%, 58%, 82%
CMY	0.3098, 0.4196, 0.1804
CMYK	0.16, 0.29, 0.00, 0.18
HSL	268°, 40%, 70%
HSV	268°, 29%, 82%
XYZ	40.0030, 35.0134, 64.9715
YIQ	163.3260, -2.8930, 24.9070

Conversions

Conversions Part 2

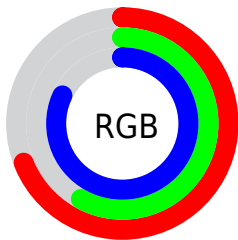
Format	Color
R _Y B	176, 148, 209
Decimal	11572433
CIE Lab	65.76, 22.29, -27.41
CIE LCh	66, 35.335, 309.120
Yxy	35.0134, 0.2858, 0.2501
Android (android.graphics.Color)	4289762513 (0xFFB094D1)
YUV	163.3260, 22.5173, 11.1151
Hunter-Lab	59.1721, 17.1230, -23.6805

Details

The YUV color **163.3260, 22.5173, 11.1151** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **193.6740, -22.5173, -11.1151**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.0120, 18.7281, 13.1445**, and **111.2720, 21.0649, 10.2855** is the 20% darker color. If you saturate the color by 10%, you get **147.7100, 30.2160, 15.1633**, and if you desaturate by 10%, it is **178.9420, 14.8186, 7.0669**.

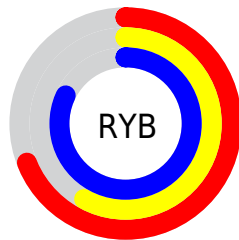
Distribution



Red (69%)

Green (58%)

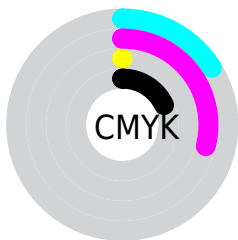
Blue (82%)



Red (69%)

Yellow (58%)

Blue (82%)

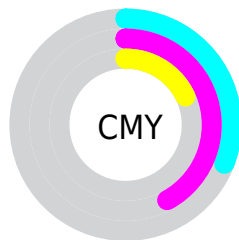


Cyan (16%)

Magenta (29%)

Yellow (0%)

Black (18%)



Cyan (31%)

Magenta (42%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.3260, 22.5173, 11.1151 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 163.3260, 22.5173, 11.1151 by changing the saturation by 10% instead.

■ 163.3260, 22.5173,
11.1151

■ 163.3260, 22.5173,
11.1151

255.0000, 0.0000,
0.0000

■ 136.7990, 21.7911,
10.7003

■ 217.0120, 18.7281,
13.1445

■ 111.2720, 21.0649,
10.2855

■ 240.3250, 7.2348,
12.8700

■ 86.4460, 20.4861,
9.2559

■ 62.6200, 19.9073,
8.2263

■ 40.0930, 19.1812,
7.8114

■ 18.1530, 18.1656,
6.8818

■ 3.8760, 14.8511,

-3.3993

■ 0.7980, 3.0576,
-0.6998

■ 0.0000, 0.0000,
0.0000

■ 163.3260, 22.5173,
11.1151

■ 163.3260, 22.5173,
11.1151

■ 147.7100, 30.2160,
15.1633

■ 178.9420, 14.8186,
7.0669

■ 131.7950, 38.0621,
18.5968

■ 194.8570, 6.9725,
3.6334

■ 116.1790, 45.7608,
22.6450

■ 210.4730, -0.7262,
-0.4148

■ 100.5630, 53.4594,
26.6932

■ 226.0890, -8.4249,
-4.4631

■ 85.2350, 61.0161,
29.6119

■ 242.0040,
-16.2710, -7.8965

■ 69.6190, 68.7148,
33.6601

■ 246.4670,
-18.4712, -2.1636

■ 54.0030, 76.4135,
37.7084

■ 249.7560,
-20.0927, 4.5990

■ 52.5300, 77.1397,
38.1232

Harmonies

Analogous

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



158.0980, 31.5037, -24.6419



163.3260, 22.5173, 11.1151



163.7610, 9.4848, 37.9206

Triad

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



163.3260, 22.5173, 11.1151



159.3640, -28.7735, 35.6378



139.3110, 14.6367, -74.8177

Complementary

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



163.3260, 22.5173, 11.1151



193.6740, -22.5173, -11.1151

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.



147.5310, -5.6848, -43.4387



163.3260, 22.5173, 11.1151



156.5800, -29.8659, 12.6463

Square

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



163.3260, 22.5173, 11.1151



161.1560, -19.7969, 49.8522



153.2930, -21.3434, -14.2890



134.0820, 32.0046, -92.1569

Rectangle

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



163.3260, 22.5173, 11.1151



163.1940, -0.5886, 48.9419



153.2930, -21.3434, -14.2890



142.5420, 7.6208, -64.4963

Sweetspot

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



163.3260, 22.5173, 11.1151



237.9110, 8.4249, 4.4631



174.9120, 16.8054, -23.6018



116.8030, 5.5201, 2.8038



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.



163.3260, 22.5173, 11.1151



188.4050, 32.8313, 16.3078



172.2960, 18.0951, 29.5584



96.7490, 4.0677, 1.9741



42.1750, 62.0317, 30.5415



10.3550, 15.1080, 7.5817

Inverse Universe

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



170.0010, 5.4225, 34.2021



198.0830, 7.8471, 49.9162



184.7040, -18.0951, -29.5584



97.9730, 0.9993, 6.1627



60.6060, 14.9842, 94.1845



14.7670, 3.5659, 23.0063

Previews

White Background



This preview shows how the YUV color 163.3260, 22.5173, 11.1151 looks on a white background.

Color Contrast Check

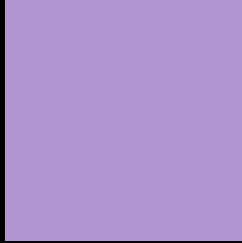
Large Text (above 18pt) WCAG AA × Fail

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 163.3260, 22.5173, 11.1151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

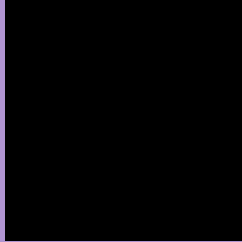
Any Text WCAG AA ✓ Pass

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 163.3260, 22.5173, 11.1151 Background



This preview shows how black text looks on a background with the YUV color 163.3260, 22.5173, 11.1151.



This preview shows how white text looks on a background with the YUV color 163.3260, 22.5173,

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

163.3260, 22.5173, 11.1151

Protanopia

160.1270, 27.5454, -15.0204

Deuteranopia

160.6070, 22.8717, -9.3023



Tritanopia

161.2550, 3.3253, 6.7924

Trichromacy



Original Color

163.3260, 22.5173, 11.1151

Protanomaly

161.0250, 25.6237, -5.2839

Deuteranomaly

161.6510, 22.8501, -2.3249

Tritanomaly

162.1010, 10.3032, 8.6814

Monochromacy



Original Color

163.3260, 22.5173, 11.1151

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

163.4980, 8.1355, 3.9483

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.3260, 22.5173, 11.1151 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(176, 148, 209)` looks like.

```
.text, #text, p{  
    color:rgb(176, 148, 209)  
}
```

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(176, 148, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 148, 209) }
```

Border

The CSS property to change the border of an element to YUV 163.3260, 22.5173, 11.1151 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(176, 148, 209) }
```


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

```
.border{ border-color:rgb(176, 148, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 148, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 148, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 148, 209); box-shadow:4px 4px 4px 4px rgb(176, 148, 209) }
```

Background

The CSS property to change the background color of an element to YUV 163.3260, 22.5173, 11.1151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 148, 209) }
```

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

```
.background{ background-color: rgb(176,  
148, 209) }
```

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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