

Converting Colors

YUV(176.9020, 22.2333, 8.8559)

Have a look what the booklet for
YUV(176.9020, 22.2333, 8.8559)
contains.

YUV(176.9020, 22.2333, 8.8559)	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(176.9020, 22.2333,
8.8559)**

Conversions

Conversions Part 1

Format	Color
Hex	BBA3DE
RGB	187, 163, 222
RGB Percent	73%, 64%, 87%
CMY	0.2667, 0.3608, 0.1294
CMYK	0.16, 0.27, 0.00, 0.13
HSL	264°, 47%, 75%
HSV	264°, 27%, 87%
XYZ	46.7755, 42.0331, 74.7551
YIQ	176.9020, -4.6350, 23.4370

Conversions

Conversions Part 2

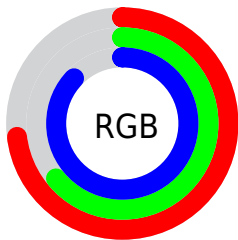
Format	Color
R _Y B	187, 163, 222
Decimal	12297182
CIE Lab	70.89, 20.22, -26.62
CIE LCh	71, 33.426, 307.213
Yxy	42.0331, 0.2860, 0.2570
Android (android.graphics.Color)	4290487262 (0xFFBBA3DE)
YUV	176.9020, 22.2333, 8.8559
Hunter-Lab	64.8329, 15.3261, -22.9808

Details

The YUV color **176.9020, 22.2333, 8.8559** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **208.0980, -22.2333, -8.8559**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.9920, 12.3289, 12.2850**, and **123.9620, 21.2177, 7.9263** is the 20% darker color. If you saturate the color by 10%, you get **160.1010, 30.5162, 12.1894**, and if you desaturate by 10%, it is **193.7030, 13.9504, 5.5225**.

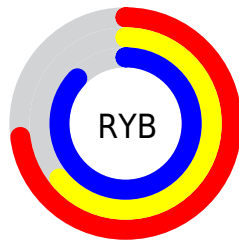
Distribution



Red (73%)

Green (64%)

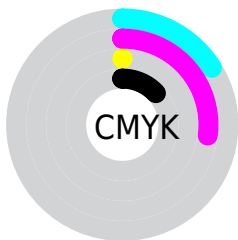
Blue (87%)



Red (73%)

Yellow (64%)

Blue (87%)

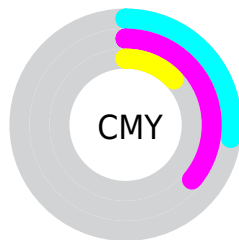


Cyan (16%)

Magenta (27%)

Yellow (0%)

Black (13%)



Cyan (27%)

Magenta (36%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.9020, 22.2333, 8.8559 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 176.9020, 22.2333, 8.8559 by changing the saturation by 10% instead.

■ 176.9020, 22.2333,
8.8559

■ 176.9020, 22.2333,
8.8559

■ 255.0000, 0.0000,
0.0000

■ 150.3750, 21.5071,
8.4411

■ 229.9920, 12.3289,
12.2850

■ 123.9620, 21.2177,
7.9263

■ 250.3040, 2.3151,
4.1184

■ 99.0220, 20.2022,
6.9967

■ 74.4950, 19.4760,
6.5819

■ 51.6690, 18.8972,
5.5523

■ 29.7290, 17.8816,
4.6227

■ 10.0990, 16.7132,

6.0522

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 176.9020, 22.2333,
8.8559

■ 176.9020, 22.2333,
8.8559

■ 160.1010, 30.5162,
12.1894

■ 193.7030, 13.9504,
5.5225

■ 143.3000, 38.7991,
15.5229

■ 210.5040, 5.6675,
2.1890

■ 125.6130, 47.5188,
18.7564

■ 228.1910, -3.0522,
-1.0445

■ 108.8120, 55.8017,
22.0899

■ 244.9920,
-11.3351, -4.3780

■ 92.0110, 64.0846,
25.4234

■ 250.6400,
-14.1195, 2.0697

■ 75.2100, 72.3675,
28.7568

■ 251.2380,
-14.4143, 3.2993

■ 58.4090, 80.6504,
32.0903

■ 52.2180, 83.7025,
33.1348

Harmonies

Analogous

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



171.7560, 30.1933, -24.3420



176.9020, 22.2333, 8.8559



178.1520, 9.7851, 34.9467

Triad

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



176.9020, 22.2333, 8.8559



173.7060, -27.4631, 35.3378



156.8670, 11.4046, -64.7814

Complementary

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



176.9020, 22.2333, 8.8559



208.0980, -22.2333, -8.8559

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.



162.6240, -6.7166, -39.1352



176.9020, 22.2333, 8.8559



170.9330, -28.5610, 14.0908

Square

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



176.9020, 22.2333, 8.8559



175.1990, -18.3391, 48.9375



167.6030, -21.4963, -11.9298



155.1010, 26.5722, -76.3876

Rectangle

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



176.9020, 22.2333, 8.8559



177.6990, 0.1484, 45.8680



167.6030, -21.4963, -11.9298



158.9020, 4.9783, -56.9191

Sweetspot

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



176.9020, 22.2333, 8.8559



239.6720, 7.5567, 2.9187



190.2710, 15.6424, -23.9167



117.9770, 4.9413, 1.7742



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.



176.9020, 22.2333, 8.8559



192.5140, 30.8056, 12.7042



185.5730, 17.9585, 26.6845



103.7490, 4.0677, 1.9741



41.5920, 66.2631, 26.6678



11.4520, 18.0182, 7.4966

Inverse Universe

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



184.6310, 6.5909, 32.7726



203.1040, 9.3157, 45.5128



199.4270, -17.9585, -26.6845



105.0870, 1.4361, 6.0627



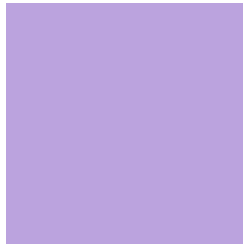
64.4800, 19.4834, 97.8030



17.6580, 5.5916, 26.6099

Previews

White Background



This preview shows how the YUV color 176.9020, 22.2333, 8.8559 looks on a white background.

Color Contrast Check

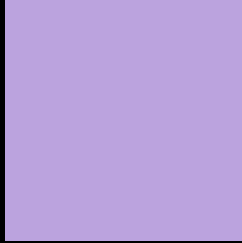
Large Text (above 18pt) WCAG AA × Fail

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 176.9020, 22.2333, 8.8559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

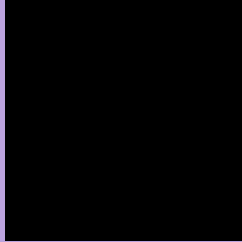
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 176.9020, 22.2333, 8.8559

Background



This preview shows how black text looks on a background with the YUV color 176.9020, 22.2333, 8.8559.



This preview shows how white text looks on a background with the YUV color 176.9020, 22.2333,

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

176.9020, 22.2333, 8.8559

Protanopia

174.1980, 26.5244, -14.2056

Deuteranopia

174.6180, 22.8663, -7.5580



Tritanopia

174.8850, 4.4937, 5.3629

Trichromacy



Original Color

176.9020, 22.2333, 8.8559

Protanomaly

175.4980, 24.8975, -5.6987

Deuteranomaly

175.2490, 22.5552, -1.0954

Tritanomaly

175.3180, 11.1822, 6.7371

Monochromacy



Original Color

176.9020, 22.2333, 8.8559

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

177.0850, 7.8461, 3.4335

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.9020, 22.2333, 8.8559 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(187, 163, 222)` looks like.

```
.text, #text, p{  
    color:rgb(187, 163, 222)  
}
```

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(187, 163, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 163, 222) }
```

Border

The CSS property to change the border of an element to YUV 176.9020, 22.2333, 8.8559 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(187, 163, 222) }
```


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

```
.border{ border-color:rgb(187, 163, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 163, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 163, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 163, 222);  
box-shadow:4px 4px 4px 4px rgb(187, 163,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 176.9020, 22.2333, 8.8559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 163, 222) }
```

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

```
.background{ background-color: rgb(187,  
163, 222) }
```

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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