

Converting Colors

YUV(176.4790, 23.9209,
27.6439)

Have a look what the booklet for
YUV(176.4790, 23.9209, 27.6439)
contains.

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Color

**YUV(176.4790, 23.9209,
27.6439)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D097E1 |
| RGB | 208, 151, 225 |
| RGB Percent | 82%, 59%, 88% |
| CMY | 0.1843, 0.4078, 0.1176 |
| CMYK | 0.08, 0.33, 0.00, 0.12 |
| HSL | 286°, 55%, 74% |
| HSV | 286°, 33%, 88% |
| XYZ | 50.6696, 40.9794, 76.4734 |
| YIQ | 176.4790, 10.2180, 35.0980 |

Conversions

Conversions Part 2

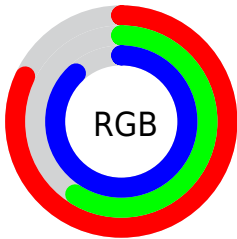
| Format | Color |
|-------------------------------------|--|
| RYB | 208, 151, 225 |
| Decimal | 13670369 |
| CIELab | 70.16, 34.04, -29.22 |
| CIELCh | 70, 44.861, 319.349 |
| Yxy | 40.9794, 0.3014, 0.2437 |
| Android (android.graphics.Color) | 4291860449 (0xFFD097E1) |
| YUV | 176.4790, 23.9209, 27.6439 |
| Hunter-Lab | 64.0151, 29.2610, -26.0181 |

Details

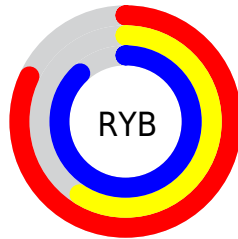
The YUV color **176.4790, 23.9209, 27.6439** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **199.5210, -23.9209, -27.6439**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.2370, 14.1802, 25.2252**, and **123.1260, 22.6159, 26.1995** is the 20% darker color. If you saturate the color by 10%, you get **162.0700, 31.0245, 35.8956**, and if you desaturate by 10%, it is **190.8880, 16.8172, 19.3922**.

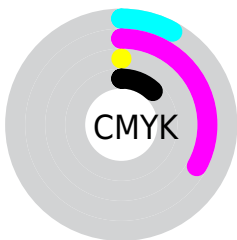
Distribution



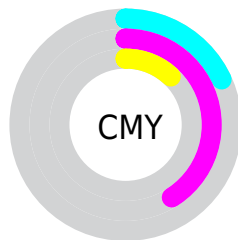
- Red (82%)
- Green (59%)
- Blue (88%)



- Red (82%)
- Yellow (59%)
- Blue (88%)



- Cyan (8%)
- Magenta (33%)
- Yellow (0%)
- Black (12%)




- Cyan (18%)
- Magenta (41%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the YUV color 176.4790, 23.9209, 27.6439 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 176.4790, 23.9209, 27.6439 by changing the saturation by 10% instead.


 176.4790, 23.9209,
27.6439

 176.4790, 23.9209,
27.6439


255.0000, 0.0000,
0.0000


 149.6530, 23.3421,
26.6143


 226.2370, 14.1802,
25.2252


 123.1260, 22.6159,
26.1995

 242.6730, 6.0772,
10.8108

 97.4140, 22.4739,
25.0699

 72.5880, 21.8951,
24.0403

 48.7620, 21.3163,
23.0107

 23.8760, 21.7531,
22.9107

 14.8120, 15.3757,

15.0739

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 176.4790, 23.9209,
27.6439

■ 176.4790, 23.9209,
27.6439

■ 162.0700, 31.0245,
35.8956

■ 190.8880, 16.8172,
19.3922

■ 147.0740, 38.4175,
44.6621

■ 205.8840, 9.4242,
10.6257

■ 132.3660, 45.6686,
52.2990

■ 221.1790, 1.8838,
2.4740

■ 117.3700, 53.0616,
61.0655

■ 235.5880, -5.2199,
-5.7777

102.9610, 60.1652,
69.3172

245.3010,
-10.0084, -9.9110

87.9650, 67.5583,
78.0837

246.7960,
-10.7454, -6.8371

77.3770, 72.7781,
83.8614

248.2910,
-11.4825, -3.7632

249.7860,
-12.2195, -0.6893

251.5800,
-13.1039, 2.9993

Harmonies

Analogous

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



171.4610, 37.7337, -16.1903



176.4790, 23.9209, 27.6439



175.3720, 6.2256, 56.6788

Triad

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



176.4790, 23.9209, 27.6439



169.4320, -38.6670, 35.5781



135.7490, 30.1967, -119.0519

Complementary

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



176.4790, 23.9209, 27.6439



199.5210, -23.9209, -27.6439

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.



148.6130, 3.1488, -76.8366



176.4790, 23.9209, 27.6439



165.5160, -36.2434, 4.8095

Square

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



176.4790, 23.9209, 27.6439



171.8660, -30.0069, 57.9995



160.1830, -21.2892, -31.7325



137.3910, 46.6422, -120.4919

Rectangle

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



176.4790, 23.9209, 27.6439



173.6970, -6.7526, 66.0407



160.1830, -21.2892, -31.7325



134.1530, 24.0816, -117.6522

Sweetspot

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



176.4790, 23.9209, 27.6439



238.5310, 8.1192, 9.1813



169.4150, 27.4034, -16.1500



117.4120, 5.2199, 5.7777



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.



176.4790, 23.9209, 27.6439



190.0100, 32.0401, 36.8252



179.2820, 12.6790, 40.0947



104.9450, 3.4781, 4.4332



60.7280, 56.8291, 66.0135



16.5350, 15.5122, 17.9478

Inverse Universe

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



175.0640, -3.4826, 43.7939



188.1090, -4.9837, 58.6634



196.7180, -12.6790, -40.0947



104.6310, -0.3111, 6.4626



57.1840, -8.4717, 104.2016



15.6060, -2.2708, 28.4095

Previews

White Background



This preview shows how the YUV color 176.4790, 23.9209, 27.6439 looks on a white background.

Color Contrast Check

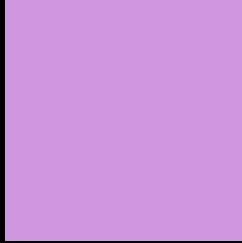
Large Text (above 18pt) WCAG AA × Fail

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 176.4790, 23.9209, 27.6439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

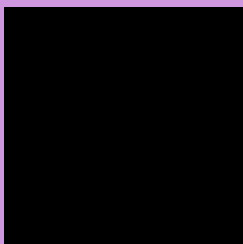
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 176.4790, 23.9209, 27.6439

Background



This preview shows how black text looks on a background with the YUV color 176.4790, 23.9209, 27.6439.



This preview shows how white text looks on a background with the YUV color 176.4790, 23.9209, 27.6439.

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

176.4790, 23.9209, 27.6439

Protanopia

171.5980, 33.2292, -18.0644

Deuteranopia

172.9490, 24.1821, -9.6023



Tritanopia

174.1430, -0.0705, 22.6766

Trichromacy



Original Color

176.4790, 23.9209, 27.6439



Protanomaly

173.1980, 29.9754, -1.0506



Deuteranomaly

174.0370, 24.1388, 4.3526



Tritanomaly

174.8580, 8.9440, 24.6805

Monochromacy



Original Color

176.4790, 23.9209, 27.6439



Achromatopsia

176.0000, 0.0000, 0.0000



Achromatomaly

176.3570, 8.6980, 10.2109

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.4790, 23.9209, 27.6439 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(208, 151, 225)` looks like.

```
.text, #text, p{  
    color:rgb(208, 151, 225)  
}
```

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(208, 151, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 151, 225) }
```

Border

The CSS property to change the border of an element to YUV 176.4790, 23.9209, 27.6439 is called "border". The border property can be set on classes, ids or directly on the HTML element.

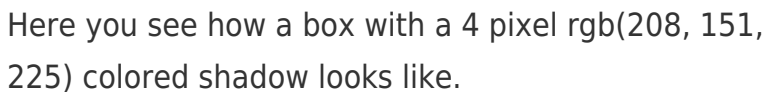
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 151, 225) }
```


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

```
.border{ border-color:rgb(208, 151, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(208, 151, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 151, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 151, 225); box-shadow:4px 4px 4px 4px rgb(208, 151, 225) }
```

Background

The CSS property to change the background color of an element to YUV 176.4790, 23.9209, 27.6439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 151, 225) }
```

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

```
.background{ background-color: rgb(208,  
151, 225) }
```

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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