

Converting Colors

YUV(172.0070, 23.1675,
35.9509)

Have a look what the booklet for
YUV(172.0070, 23.1675, 35.9509)
contains.

YUV(172.0070, 23.1675, 35.9509)	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(172.0070, 23.1675,
35.9509)**

Conversions

Conversions Part 1

Format	Color
Hex	D58EDB
RGB	213, 142, 219
RGB Percent	84%, 56%, 86%
CMY	0.1647, 0.4431, 0.1412
CMYK	0.03, 0.35, 0.00, 0.14
HSL	295°, 52%, 71%
HSV	295°, 35%, 86%
XYZ	49.8998, 38.6066, 71.8396
YIQ	172.0070, 17.5990, 38.9990

Conversions

Conversions Part 2

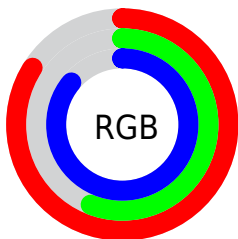
Format	Color
R _Y B	213, 142, 219
Decimal	13995739
CIE Lab	68.47, 39.28, -28.48
CIE LCh	68, 48.522, 324.055
Yxy	38.6066, 0.3112, 0.2408
Android (android.graphics.Color)	4292185819 (0xFFD58EDB)
YUV	172.0070, 23.1675, 35.9509
Hunter-Lab	62.1342, 34.6178, -25.0572

Details

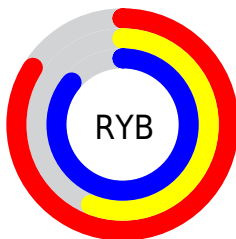
The YUV color **172.0070, 23.1675, 35.9509** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **188.9930, -23.1675, -35.9509**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.9540, 16.7847, 29.8583**, and **118.4690, 22.4468, 33.7917** is the 20% darker color. If you saturate the color by 10%, you get **158.4950, 29.8290, 46.0469**, and if you desaturate by 10%, it is **185.5190, 16.5061, 25.8548**.

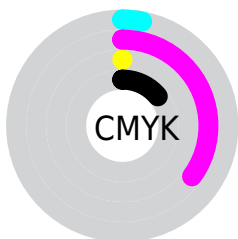
Distribution



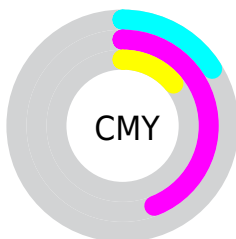
- Red (84%)
- Green (56%)
- Blue (86%)



- Red (84%)
- Yellow (56%)
- Blue (86%)



- Cyan (3%)
- Magenta (35%)
- Yellow (0%)
- Black (14%)




- Cyan (16%)
- Magenta (44%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the YUV color 172.0070, 23.1675, 35.9509 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 172.0070, 23.1675, 35.9509 by changing the saturation by 10% instead.


 172.0070, 23.1675,
35.9509

 172.0070, 23.1675,
35.9509


255.0000, 0.0000,
0.0000

 145.1810, 22.5888,
34.9213


 220.9540, 16.7847,
29.8583


 118.4690, 22.4468,
33.7917


 237.3900, 8.6817,
15.4440

 92.6430, 21.8680,
32.7621

254.4130, 0.2894,
0.5148

 67.3440, 22.0154,
32.1473

 41.4580, 22.4522,
32.0473

 23.3280, 19.5583,
26.8993

 14.5410, 13.0443,

16.1885

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 172.0070, 23.1675,
35.9509

■ 172.0070, 23.1675,
35.9509

■ 158.4950, 29.8290,
46.0469

■ 185.5190, 16.5061,
25.8548

■ 145.2820, 36.3430,
56.7577

■ 198.7320, 9.9921,
15.1440

■ 131.7700, 43.0044,
66.8537

■ 212.2440, 3.3307,
5.0480

■ 118.2580, 49.6658,
76.9497

■ 225.7560, -3.3307,
-5.0480

105.3330, 56.0378,
86.5310

239.2680, -9.9921,
-15.1440

92.1200, 62.5518,
97.2418

241.3280,
-11.0077, -16.0737

85.3640, 65.8825,
102.2898

241.9260,
-11.3025, -14.8441

242.5240,
-11.5973, -13.6145

242.8230,
-11.7447, -12.9998

Harmonies

Analogous

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



168.4340, 38.7330, -10.0276



172.0070, 23.1675, 35.9509



170.1450, 3.8725, 64.7708

Triad

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



172.0070, 23.1675, 35.9509



164.0850, -42.4399, 32.3745



133.8570, 33.1015, -117.3926

Complementary

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



172.0070, 23.1675, 35.9509



188.9930, -23.1675, -35.9509

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.



128.7270, 13.4456, -112.8936



172.0070, 23.1675, 35.9509



159.5430, -37.2427, -1.3532

Square

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



172.0070, 23.1675, 35.9509



166.4270, -34.2275, 58.3845



152.3990, -18.9307, -41.5689



135.0260, 50.2732, -118.4178

Rectangle

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



172.0070, 23.1675, 35.9509



168.5190, -10.1159, 71.4588



152.3990, -18.9307, -41.5689



132.2610, 26.9863, -115.9929

Sweetspot

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



172.0070, 23.1675, 35.9509



237.9660, 8.3978, 13.1848



154.3000, 31.8971, -10.7871



117.4230, 5.2145, 7.5220



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.



172.0070, 23.1675, 35.9509



189.7990, 32.1441, 50.1653



170.1530, 8.3056, 42.8388



103.2440, 3.3307, 5.0480



67.5620, 51.9809, 81.0681



17.8020, 13.9016, 21.2216

Inverse Universe

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



165.7070, -8.7296, 46.7380



180.9050, -12.2782, 64.9813



190.8470, -8.3056, -42.8388



102.4030, -1.1847, 6.6626



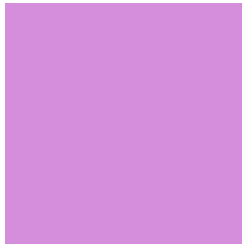
53.3230, -19.3862, 104.9567



14.2100, -5.0335, 27.8798

Previews

White Background



This preview shows how the YUV color 172.0070, 23.1675, 35.9509 looks on a white background.

Color Contrast Check

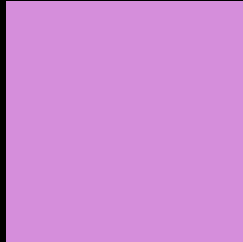
Large Text (above 18pt) WCAG AA × Fail

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 172.0070, 23.1675, 35.9509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

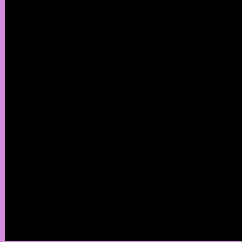
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.0070, 23.1675, 35.9509

Background



This preview shows how black text looks on a background with the YUV color 172.0070, 23.1675, 35.9509.



This preview shows how white text looks on a background with the YUV color 172.0070, 23.1675,

35.9509.

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

172.0070, 23.1675, 35.9509

Protanopia

167.1140, 33.9608, -19.3940

Deuteranopia

168.0200, 23.1611, -8.7875



Tritanopia

170.2150, -2.5710, 31.3834

Trichromacy



Original Color

172.0070, 23.1675, 35.9509



Protanomaly

169.2090, 29.9700, 0.6937



Deuteranomaly

169.4180, 22.9649, 7.5264



Tritanomaly

171.0440, 6.8803, 33.2874

Monochromacy



Original Color

172.0070, 23.1675, 35.9509



Achromatopsia

172.0000, 0.0000, 0.0000



Achromatomaly

171.9660, 8.3978, 13.1848

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.0070, 23.1675, 35.9509 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(213, 142, 219)` looks like.

```
.text, #text, p{  
    color:rgb(213, 142, 219)  
}
```

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(213, 142, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 142, 219) }
```

Border

The CSS property to change the border of an element to YUV 172.0070, 23.1675, 35.9509 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(213, 142, 219) }
```


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

```
.border{ border-color:rgb(213, 142, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 142, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 142, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 142, 219);  
box-shadow:4px 4px 4px 4px rgb(213, 142,  
219) }
```

Background

The CSS property to change the background color of an element to YUV 172.0070, 23.1675, 35.9509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 142, 219) }
```

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

```
.background{ background-color: rgb(213,  
142, 219) }
```

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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