

Converting Colors

YUV(168.3010, 3.7956, 42.7090)

Have a look what the booklet for
YUV(168.3010, 3.7956, 42.7090)
contains.

YUV(168.3010, 3.7956, 42.7090)	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(168.3010, 3.7956,
42.7090)**

Conversions

Conversions Part 1

Format	Color
Hex	D98EB0
RGB	217, 142, 176
RGB Percent	85%, 56%, 69%
CMY	0.1490, 0.4431, 0.3098
CMYK	0.00, 0.35, 0.19, 0.15
HSL	333°, 50%, 70%
HSV	333°, 35%, 85%
XYZ	46.1247, 37.2323, 45.8298
YIQ	168.3010, 33.7860, 26.4740

Conversions

Conversions Part 2

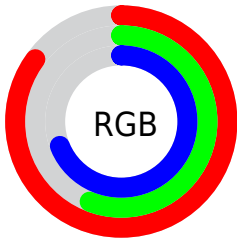
Format	Color
R _Y B	217, 142, 176
Decimal	14257840
CIE Lab	67.45, 33.22, -6.00
CIE LCh	67, 33.754, 349.753
Yxy	37.2323, 0.3570, 0.2882
Android (android.graphics.Color)	4292447920 (0xFFD98EB0)
YUV	168.3010, 3.7956, 42.7090
Hunter-Lab	61.0183, 28.1492, -1.8189

Details

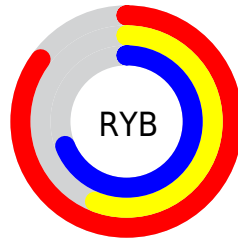
The YUV color **168.3010, 3.7956, 42.7090** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **190.6990, -3.7956, -42.7090**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **218.3320, 6.7383, 32.1578**, and **115.1050, 4.3852, 40.2499** is the 20% darker color. If you saturate the color by 10%, you get **154.0190, 4.9206, 55.2343**, and if you desaturate by 10%, it is **182.5830, 2.6706, 30.1837**.

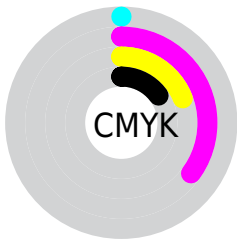
Distribution



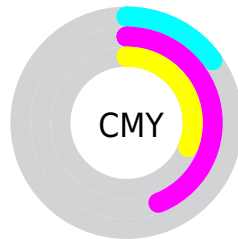
- Red (85%)
- Green (56%)
- Blue (69%)



- Red (85%)
- Yellow (56%)
- Blue (69%)



- Cyan (0%)
- Magenta (35%)
- Yellow (19%)
- Black (15%)





- Cyan (15%)
- Magenta (44%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.3010, 3.7956, 42.7090 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 168.3010, 3.7956, 42.7090 by changing the saturation by 10% instead.


 168.3010, 3.7956,
42.7090

 168.3010, 3.7956,
42.7090

255.0000, 0.0000,
0.0000

 141.5890, 3.6536,
41.5794


 218.3320, 6.7383,
32.1578

 115.1050, 4.3852,
40.2499


 237.3900, 8.6817,
15.4440

 90.0940, 4.3907,
38.5056

254.4130, 0.2894,
0.5148

 64.6100, 5.1223,
37.1760

 39.5390, 6.1433,
36.3613

 20.2780, 5.2859,
31.3282

 11.0350, -2.9753,

21.0173

■ 0.0000, 0.0000,
0.0000

■ 168.3010, 3.7956,
42.7090

■ 168.3010, 3.7956,
42.7090

■ 154.0190, 4.9206,
55.2343

■ 182.5830, 2.6706,
30.1837

■ 140.3240, 5.7563,
67.2449

■ 196.2780, 1.8349,
18.1732

■ 126.0420, 6.8813,
79.7702

■ 210.5600, 0.7099,
5.6479

■ 111.8740, 8.4431,
92.1955

■ 224.7280, -0.8519,
-6.7775

■ 98.1790, 9.2788,
104.2060

■ 239.0100, -1.9769,
-19.3028

■ 83.8970, 10.4038,
116.7313

■ 242.7260, 2.1071,
-22.5617

■ 76.0550, 10.8189,
123.6088

■ 243.6380, 5.6015,
-23.3615

Harmonies

Analogous

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



168.4260, 17.5380, 21.5514



168.3010, 3.7956, 42.7090



166.8600, -10.7770, 50.1118

Triad

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



168.3010, 3.7956, 42.7090



160.3230, -26.7812, 3.2247



146.0780, 31.5135, -74.6134

Complementary

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



168.3010, 3.7956, 42.7090



190.6990, -3.7956, -42.7090

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.



144.5650, 19.4415, -75.9175



168.3010, 3.7956, 42.7090



156.3180, -15.9328, -23.0809

Square

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



168.3010, 3.7956, 42.7090



163.1950, -29.1831, 27.0160



150.4960, 0.7415, -51.3010



156.7210, 33.1685, -45.3593

Rectangle

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



168.3010, 3.7956, 42.7090



165.9600, -19.2073, 47.3931



150.4960, 0.7415, -51.3010



144.2470, 28.4722, -79.1466

Sweetspot

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



168.3010, 3.7956, 42.7090



238.7290, 1.1196, 14.2697



162.5100, 26.8636, 17.0927



117.5820, 0.6991, 9.1366



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.



168.3010, 3.7956, 42.7090



186.8670, 5.4886, 59.7526



166.1860, -11.9237, 44.5639



102.8590, 0.5625, 6.2627



60.7330, 9.0056, 98.4582



16.1480, 2.3920, 26.1802

Inverse Universe

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



168.3010, 3.7956, 42.7090



186.8670, 5.4886, 59.7526



193.4010, 11.6343, -45.0787



102.8590, 0.5625, 6.2627



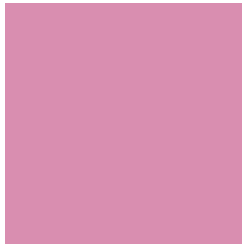
60.7330, 9.0056, 98.4582



16.1480, 2.3920, 26.1802

Previews

White Background



This preview shows how the YUV color 168.3010, 3.7956, 42.7090 looks on a white background.

Color Contrast Check

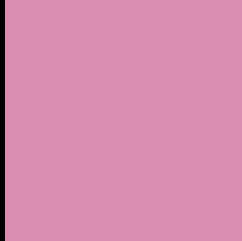
Large Text (above 18pt) WCAG AA × Fail

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 168.3010, 3.7956, 42.7090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

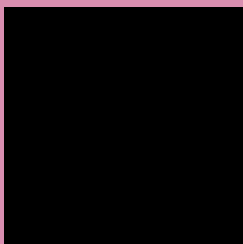
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.3010, 3.7956, 42.7090

Background



This preview shows how black text looks on a background with the YUV color 168.3010, 3.7956, 42.7090.



This preview shows how white text looks on a background with the YUV color 168.3010, 3.7956,

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

168.3010, 3.7956, 42.7090

Protanopia

165.0670, 11.7990, -4.4438

Deuteranopia

166.5650, 3.1725, 9.1515



Tritanopia

167.1840, -5.5137, 41.9346

Trichromacy



Original Color

168.3010, 3.7956, 42.7090

Protanomaly

166.0800, 8.8346, 13.0848

Deuteranomaly

167.0550, 3.4239, 21.8768

Tritanomaly

167.6940, -2.3141, 42.3644

Monochromacy



Original Color

168.3010, 3.7956, 42.7090

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.4410, 1.2616, 15.3992

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.3010, 3.7956, 42.7090 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(217, 142, 176)` looks like.

```
.text, #text, p{  
    color:rgb(217, 142, 176)  
}
```

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(217, 142, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 142, 176) }
```

Border

The CSS property to change the border of an element to YUV 168.3010, 3.7956, 42.7090 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(217, 142, 176) }
```


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

```
.border{ border-color:rgb(217, 142, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 142, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 142, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 142, 176);  
box-shadow:4px 4px 4px 4px rgb(217, 142,  
176) }
```

Background

The CSS property to change the background color of an element to YUV 168.3010, 3.7956, 42.7090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 142, 176) }
```

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

```
.background{ background-color: rgb(217,  
142, 176) }
```

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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