

Converting Colors

YUV(175.7830, 9.4740, 41.4093)

Have a look what the booklet for
YUV(175.7830, 9.4740, 41.4093)
contains.

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Color

**YUV(175.7830, 9.4740,
41.4093)**

Conversions

Conversions Part 1

Format	Color
Hex	DF94C3
RGB	223, 148, 195
RGB Percent	87%, 58%, 76%
CMY	0.1255, 0.4196, 0.2353
CMYK	0.00, 0.34, 0.13, 0.13
HSL	322°, 54%, 73%
HSV	322°, 34%, 87%
XYZ	50.8717, 40.8079, 56.8252
YIQ	175.7830, 29.6130, 30.5170

Conversions

Conversions Part 2

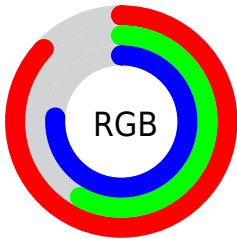
Format	Color
R_{YB}	223, 148, 195
Decimal	14652611
CIE _{Lab}	70.04, 35.09, -12.68
CIE _{LCh}	70, 37.312, 340.138
Yxy	40.8079, 0.3426, 0.2748
Android (android.graphics.Color)	4292842691 (0xFFDF94C3)
YUV	175.7830, 9.4740, 41.4093
Hunter-Lab	63.8811, 30.3565, -8.0245

Details

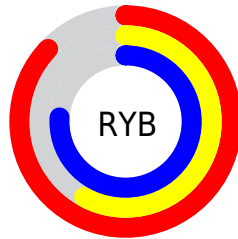
The YUV color $175.7830, 9.4740, 41.4093$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $195.2170, -9.4740, -41.4093$, and the grayscale version is $176.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $224.1340, 13.7379, 27.0695$, and $122.3590, 9.1900, 39.1502$ is the 20% darker color. If you saturate the color by 10%, you get $161.9570, 12.3462, 53.5347$, and if you desaturate by 10%, it is $189.6090, 6.6018, 29.2839$.

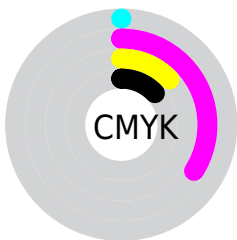
Distribution



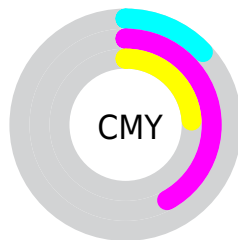
- Red (87%)
- Green (58%)
- Blue (76%)



- Red (87%)
- Yellow (58%)
- Blue (76%)



- Cyan (0%)
- Magenta (34%)
- Yellow (13%)
- Black (13%)



- Cyan (13%)
- Magenta (42%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.7830, 9.4740, 41.4093 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 175.7830, 9.4740, 41.4093 by changing the saturation by 10% instead.

■ 175.7830, 9.4740,
41.4093

■ 175.7830, 9.4740,
41.4093

255.0000, 0.0000,
0.0000

■ 148.7720, 9.4794,
39.6650

■ 224.1340, 13.7379,
27.0695

■ 122.3590, 9.1900,
39.1502

■ 240.9120, 6.9454,
12.3552

■ 96.4620, 9.6322,
37.3058

■ 71.1630, 9.7796,
36.6910

■ 46.0920, 10.8006,
35.8763

■ 23.6680, 10.5167,
33.6172

■ 15.4080, 4.7289,

23.3212

■ 0.0000, 0.0000,
0.0000

■ 175.7830, 9.4740,
41.4093

■ 175.7830, 9.4740,
41.4093

■ 161.9570, 12.3462,
53.5347

■ 189.6090, 6.6018,
29.2839

■ 147.4300, 15.0710,
66.2749

■ 204.1360, 3.8770,
16.5437

■ 133.6040, 17.9432,
78.4003

■ 217.9620, 1.0047,
4.4183

■ 119.7780, 20.8154,
90.5257

■ 231.7880, -1.8675,
-7.7071

■ 105.2510, 23.5403,
103.2659

■ 243.3800, -3.1453,
-17.8733

■ 91.4250, 26.4125,
115.3913

■ 244.2920, 0.3490,
-18.6731

■ 82.6370, 28.2800,
123.0984

■ 245.2040, 3.8434,
-19.4729

■ 245.4320, 4.7170,
-19.6729

Harmonies

Analogous

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



174.9780, 23.6748, 13.1743



175.7830, 9.4740, 41.4093



174.3320, -6.5727, 54.9598

Triad

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



175.7830, 9.4740, 41.4093



167.8250, -31.4657, 12.4315



143.4340, 34.7890, -98.6046

Complementary

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



175.7830, 9.4740, 41.4093



195.2170, -9.4740, -41.4093

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.



148.4350, 16.5475, -81.0655



175.7830, 9.4740, 41.4093



163.6410, -22.5010, -16.3482

Square

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



175.7830, 9.4740, 41.4093



170.5060, -30.8155, 37.2672



157.9110, -5.3791, -48.1569



157.7400, 37.5962, -65.5470

Rectangle

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



175.7830, 9.4740, 41.4093



173.2860, -16.9030, 55.0002



157.9110, -5.3791, -48.1569



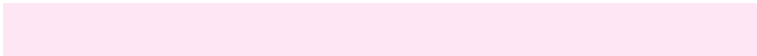
142.5820, 30.2791, -98.7344

Sweetspot

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



175.7830, 9.4740, 41.4093



239.1850, 2.8668, 13.8698



164.9220, 28.6325, 9.7154



117.9240, 2.0095, 8.8367



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.



175.7830, 9.4740, 41.4093



190.7940, 12.9196, 56.3087



171.5650, -6.6875, 45.1085



105.0870, 1.4361, 6.0627



65.1640, 22.1041, 97.2032



17.7720, 6.0284, 26.5100

Inverse Universe

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



175.7830, 9.4740, 41.4093



190.7940, 12.9196, 56.3087



199.4350, 6.6875, -45.1085



105.0870, 1.4361, 6.0627



65.1640, 22.1041, 97.2032



17.7720, 6.0284, 26.5100

Previews

White Background



This preview shows how the YUV color 175.7830, 9.4740, 41.4093 looks on a white background.

Color Contrast Check

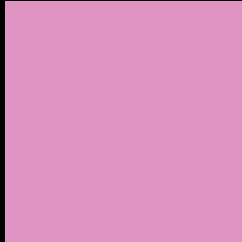
Large Text (above 18pt) WCAG AA × Fail

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 175.7830, 9.4740, 41.4093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

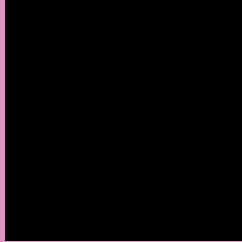
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 175.7830, 9.4740, 41.4093

Background



This preview shows how black text looks on a background with the YUV color 175.7830, 9.4740, 41.4093.



This preview shows how white text looks on a background with the YUV color 175.7830, 9.4740,

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

175.7830, 9.4740, 41.4093

Protanopia

172.4670, 18.5038, -8.3026

Deuteranopia

173.4380, 9.1511, 4.8779



Tritanopia

174.1020, -4.4873, 39.3755

Trichromacy



Original Color

175.7830, 9.4740, 41.4093

Protanomaly

173.7790, 15.3920, 9.8408

Deuteranomaly

174.2270, 9.2551, 18.2179

Tritanomaly

174.4810, 0.7489, 39.9202

Monochromacy



Original Color

175.7830, 9.4740, 41.4093

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

176.0110, 3.4456, 14.8994

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.7830, 9.4740, 41.4093 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(223, 148, 195)` looks like.

```
.text, #text, p{  
    color:rgb(223, 148, 195)  
}
```

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(223, 148, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 148, 195) }
```

Border

The CSS property to change the border of an element to YUV 175.7830, 9.4740, 41.4093 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(223, 148, 195) }
```


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

```
.border{ border-color:rgb(223, 148, 195) }
```

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

Here you see how a box with a 4 pixel rgb(223, 148, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 148, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 148, 195);  
box-shadow:4px 4px 4px 4px rgb(223, 148,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 175.7830, 9.4740, 41.4093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 148, 195) }
```

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

```
.background{ background-color: rgb(223,  
148, 195) }
```

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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