

Converting Colors

YUV(172.1690, -9.4503,
44.5788)

Have a look what the booklet for
YUV(172.1690, -9.4503, 44.5788)
contains.

YUV(172.1690, -9.4503, 44.5788)	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(172.1690, -9.4503,
44.5788)**

Conversions

Conversions Part 1

Format	Color
Hex	DF9699
RGB	223, 150, 153
RGB Percent	87%, 59%, 60%
CMY	0.1255, 0.4118, 0.4000
CMYK	0.00, 0.33, 0.31, 0.13
HSL	358°, 53%, 73%
HSV	358°, 33%, 87%
XYZ	47.0875, 39.8006, 35.3375
YIQ	172.1690, 42.5450, 16.4090

Conversions

Conversions Part 2

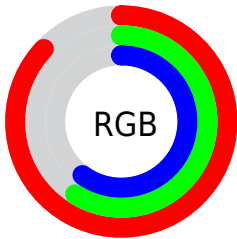
Format	Color
R _Y B	223, 150, 153
Decimal	14653081
CIE Lab	69.33, 27.84, 9.67
CIE LCh	69, 29.476, 19.158
Yxy	39.8006, 0.3853, 0.3256
Android (android.graphics.Color)	4292843161 (0xFFDF9699)
YUV	172.1690, -9.4503, 44.5788
Hunter-Lab	63.0877, 22.8258, 10.9511

Details

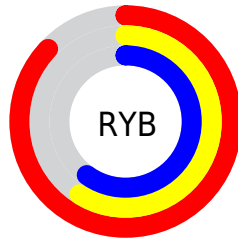
The YUV color **172.1690, -9.4503, 44.5788** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **200.8310, 9.4503, -44.5788**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.1780, -6.4968, 30.5389**, and **118.7880, -8.2765, 41.4049** is the 20% darker color. If you saturate the color by 10%, you get **156.8610, -12.2565, 58.0039**, and if you desaturate by 10%, it is **187.4770, -6.6442, 31.1537**.

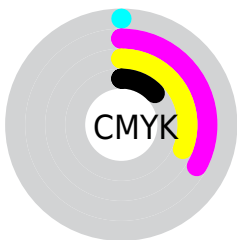
Distribution



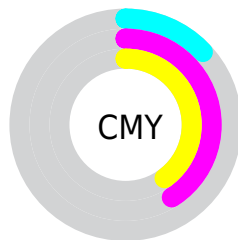
- Red (87%)
- Green (59%)
- Blue (60%)



- Red (87%)
- Yellow (59%)
- Blue (60%)



- Cyan (0%)
- Magenta (33%)
- Yellow (31%)
- Black (13%)



- Cyan (13%)
- Magenta (41%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.1690, -9.4503, 44.5788 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 172.1690, -9.4503, 44.5788 by changing the saturation by 10% instead.

172.1690, -9.4503,
44.5788

172.1690, -9.4503,
44.5788

255.0000, 0.0000,
0.0000

145.2720, -9.0081,
42.7345

220.1780, -6.4968,
30.5389

118.7880, -8.2765,
41.4049

239.8060, -2.3694,
13.3251

93.5920, -7.6869,
38.9458

69.1080, -6.9552,
37.6163

45.1400, -5.4920,
34.9572

21.0690, -4.4710,
34.1425

11.4760, -5.1647,

23.2615

■ 0.0000, 0.0000,
0.0000

■ 172.1690, -9.4503,
44.5788

■ 172.1690, -9.4503,
44.5788

■ 156.8610,
-12.2565, 58.0039

■ 187.4770, -6.6442,
31.1537

■ 140.8520,
-15.2100, 72.0438

■ 203.4860, -3.6906,
17.1138

■ 125.5440,
-18.0162, 85.4689

■ 218.7940, -0.8844,
3.6887

■ 110.1220,
-21.2591, 98.9940

■ 234.2160, 2.3585,
-9.8364

■ 94.8140, -24.0653,
112.4191

■ 245.4320, 4.7170,
-19.6729

■ 78.9190, -26.5821,
126.3590

■ 67.7030, -28.9406,
136.1955

Harmonies

Analogous

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



173.1540, 3.3751, 37.5759



172.1690, -9.4503, 44.5788



170.9760, -20.2012, 39.4860

Triad

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



172.1690, -9.4503, 44.5788



162.7960, -14.1964, -19.9921



163.7990, 28.2001, -38.4117

Complementary

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



172.1690, -9.4503, 44.5788



200.8310, 9.4503, -44.5788

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.



156.9830, 25.6444, -58.7441



172.1690, -9.4503, 44.5788



158.0240, -0.0118, -42.9940

Square

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



172.1690, -9.4503, 44.5788



166.1320, -23.7291, 4.2692



155.2250, 15.1721, -59.8333



170.3620, 24.4715, -9.0875

Rectangle

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



172.1690, -9.4503, 44.5788



169.1830, -24.2472, 30.5345



155.2250, 15.1721, -59.8333



161.0430, 28.0798, -46.5187

Sweetspot

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



172.1690, -9.4503, 44.5788



237.5890, -3.2484, 15.2694



178.9530, 21.7152, 35.1212



116.8980, -1.9217, 9.7365



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.



172.1690, -9.4503, 44.5788



186.0570, -12.8461, 60.4630



191.1980, -20.3106, 27.8904



104.2890, -1.6215, 6.7625



53.4220, -22.8860, 107.5009



14.5800, -6.2019, 29.3093

Inverse Universe

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



172.1690, -9.4503, 44.5788



186.0570, -12.8461, 60.4630



181.8020, 20.3106, -27.8904



104.2890, -1.6215, 6.7625



53.4220, -22.8860, 107.5009



14.5800, -6.2019, 29.3093

Previews

White Background



This preview shows how the YUV color 172.1690, -9.4503, 44.5788 looks on a white background.

Color Contrast Check

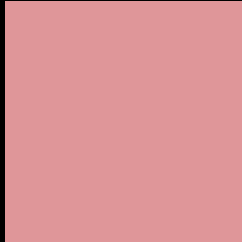
Large Text (above 18pt) WCAG AA × Fail

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 172.1690, -9.4503, 44.5788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

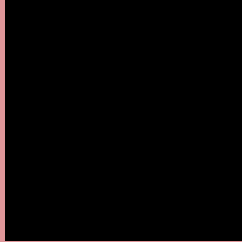
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.1690, -9.4503, 44.5788

Background



This preview shows how black text looks on a background with the YUV color 172.1690, -9.4503, 44.5788.



This preview shows how white text looks on a background with the YUV color 172.1690, -9.4503,

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

172.1690, -9.4503, 44.5788

Protanopia

169.8110, -3.3578, 3.6738

Deuteranopia

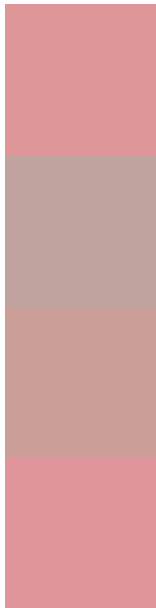
170.6020, -9.6638, 19.6430



Tritanopia

172.6790, -6.2507, 45.0085

Trichromacy



Original Color

172.1690, -9.4503, 44.5788

Protanomaly

170.6280, -5.7326, 18.7432

Deuteranomaly

171.0700, -9.4015, 28.8796

Tritanomaly

172.3370, -7.5611, 45.3085

Monochromacy



Original Color

172.1690, -9.4503, 44.5788

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

172.1870, -3.5432, 16.4990

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.1690, -9.4503, 44.5788 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, 150, 153)` looks like.

```
.text, #text, p{  
    color:rgb(223, 150, 153)  
}
```

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, 150, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 150, 153) }
```

Border

The CSS property to change the border of an element to YUV 172.1690, -9.4503, 44.5788 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, 150, 153) }
```


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

```
.border{ border-color:rgb(223, 150, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 150, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 150, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 150, 153);  
box-shadow:4px 4px 4px 4px rgb(223, 150,  
153) }
```

Background

The CSS property to change the background color of an element to YUV 172.1690, -9.4503, 44.5788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 150, 153) }
```

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

```
.background{ background-color: rgb(223,  
150, 153) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor