

Converting Colors

YUV(172.4010, -4.6347,
39.9903)

Have a look what the booklet for
YUV(172.4010, -4.6347, 39.9903)
contains.

YUV(172.4010, -4.6347, 39.9903)	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(172.4010, -4.6347,
39.9903)**

Conversions

Conversions Part 1

Format	Color
Hex	DA97A3
RGB	218, 151, 163
RGB Percent	85%, 59%, 64%
CMY	0.1451, 0.4078, 0.3608
CMYK	0.00, 0.31, 0.25, 0.15
HSL	349°, 48%, 72%
HSV	349°, 31%, 85%
XYZ	46.5909, 39.6830, 39.8543
YIQ	172.4010, 36.0800, 17.9360

Conversions

Conversions Part 2

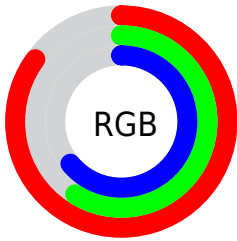
Format	Color
R _Y B	218, 151, 163
Decimal	14325667
CIE Lab	69.24, 26.81, 3.91
CIE LCh	69, 27.093, 8.288
Yxy	39.6830, 0.3694, 0.3146
Android (android.graphics.Color)	4292515747 (0xFFDA97A3)
YUV	172.4010, -4.6347, 39.9903
Hunter-Lab	62.9944, 21.7790, 6.5855

Details

The YUV color **172.4010, -4.6347, 39.9903** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **196.5990, 4.6347, -39.9903**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.0190, -1.9814, 28.9243**, and **119.2050, -4.0451, 37.5312** is the 20% darker color. If you saturate the color by 10%, you get **157.4350, -6.1305, 53.1155**, and if you desaturate by 10%, it is **187.3670, -3.1389, 26.8651**.

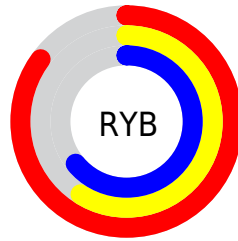
Distribution



Red (85%)

Green (59%)

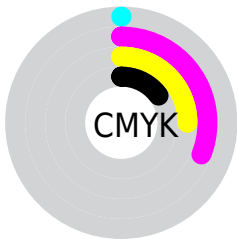
Blue (64%)



Red (85%)

Yellow (59%)

Blue (64%)

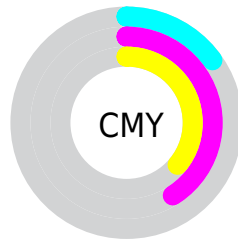


Cyan (0%)

Magenta (31%)

Yellow (25%)

Black (15%)



Cyan (15%)

Magenta (41%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.4010, -4.6347, 39.9903 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 172.4010, -4.6347, 39.9903 by changing the saturation by 10% instead.

■ 172.4010, -4.6347,
39.9903

■ 172.4010, -4.6347,
39.9903

255.0000, 0.0000,
0.0000

■ 145.8030, -4.3399,
38.7608

■ 222.0190, -1.9814,
28.9243

■ 119.2050, -4.0451,
37.5312

■ 241.6470, 2.1460,
11.7106

■ 94.3080, -3.6028,
35.6869

■ 69.5250, -2.7238,
33.7426

■ 45.7420, -1.8448,
31.7983

■ 21.8990, 0.0498,
30.7836

■ 11.1770, -5.0173,

22.6468

0.0000, 0.0000,
0.0000

172.4010, -4.6347,
39.9903

172.4010, -4.6347,
39.9903

157.4350, -6.1305,
53.1155

187.3670, -3.1389,
26.8651

142.4690, -7.6262,
66.2407

202.3330, -1.6432,
13.7400

128.0900, -9.4114,
78.8511

216.7120, 0.1420,
1.1296

113.1240,
-10.9071, 91.9763

231.6780, 1.6377,
-11.9956

98.2720, -11.9661,
105.0015

243.5950, 4.1437,
-22.4468

■ 83.3060, -13.4619,
118.1266

■ 243.9370, 5.4541,
-22.7467

■ 69.6280, -15.0996,
130.1222

Harmonies

Analogous

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



172.8370, 7.4754, 29.0840



172.4010, -4.6347, 39.9903



170.9420, -15.2544, 39.5159

Triad

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



172.4010, -4.6347, 39.9903



164.4660, -16.9917, -10.0557



161.7940, 25.7376, -41.9153

Complementary

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



172.4010, -4.6347, 39.9903



196.5990, 4.6347, -39.9903

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.



157.3380, 20.5394, -54.6704



172.4010, -4.6347, 39.9903



160.7220, -5.2859, -31.3282

Square

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



172.4010, -4.6347, 39.9903



167.2900, -23.3140, 11.1467



157.5700, 8.5930, -49.6119



168.1930, 24.0619, -17.7093

Rectangle

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



172.4010, -4.6347, 39.9903



170.1170, -20.7637, 33.2234



157.5700, 8.5930, -49.6119



159.8210, 24.7382, -48.0780

Sweetspot

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



172.4010, -4.6347, 39.9903



239.3330, -1.6432, 13.7400



175.0830, 21.1581, 27.1142



117.8270, -0.9007, 8.9217



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.



172.4010, -4.6347, 39.9903



191.0440, -6.4307, 56.0894



183.3600, -15.9535, 30.3793



102.5170, -0.7479, 6.5626



55.2610, -11.9607, 103.2571



14.6660, -3.2863, 27.4799

Inverse Universe

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



172.4010, -4.6347, 39.9903



191.0440, -6.4307, 56.0894



185.6400, 15.9535, -30.3793



102.5170, -0.7479, 6.5626



55.2610, -11.9607, 103.2571



14.6660, -3.2863, 27.4799

Previews

White Background



This preview shows how the YUV color 172.4010, -4.6347, 39.9903 looks on a white background.

Color Contrast Check

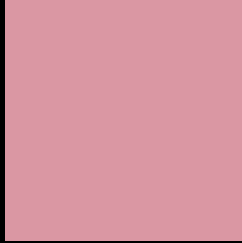
Large Text (above 18pt) WCAG AA × Fail

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 172.4010, -4.6347, 39.9903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

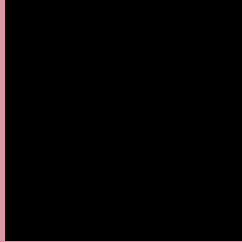
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.4010, -4.6347, 39.9903

Background



This preview shows how black text looks on a background with the YUV color 172.4010, -4.6347, 39.9903.



This preview shows how white text looks on a background with the YUV color 172.4010, -4.6347,

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

172.4010, -4.6347, 39.9903

Protanopia

170.0540, 1.4524, 0.8296

Deuteranopia

171.1330, -4.9956, 15.6694



Tritanopia

172.4010, -4.6347, 39.9903

Trichromacy



Original Color

172.4010, -4.6347, 39.9903

Protanomaly

170.5720, -0.7750, 15.2844

Deuteranomaly

171.6010, -4.7333, 24.9059

Tritanomaly

172.4010, -4.6347, 39.9903

Monochromacy



Original Color

172.4010, -4.6347, 39.9903

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

172.0450, -1.5012, 14.8695

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.4010, -4.6347, 39.9903 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(218, 151, 163)` looks like.

```
.text, #text, p{  
    color:rgb(218, 151, 163)  
}
```

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(218, 151, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 151, 163) }
```

Border

The CSS property to change the border of an element to YUV 172.4010, -4.6347, 39.9903 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(218, 151, 163) }
```


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

```
.border{ border-color:rgb(218, 151, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 151, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 151, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 151, 163);  
box-shadow:4px 4px 4px 4px rgb(218, 151,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 172.4010, -4.6347, 39.9903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 151, 163) }
```

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

```
.background{ background-color: rgb(218,  
151, 163) }
```

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