

Converting Colors

YUV(172.0790, -6.4479,
14.8397)

Have a look what the booklet for
YUV(172.0790, -6.4479, 14.8397)
contains.

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Color

**YUV(172.0790, -6.4479,
14.8397)**

Conversions

Conversions Part 1

Format	Color
Hex	BDA69F
RGB	189, 166, 159
RGB Percent	74%, 65%, 62%
CMY	0.2588, 0.3490, 0.3765
CMYK	0.00, 0.12, 0.16, 0.26
HSL	14°, 19%, 68%
HSV	14°, 16%, 74%
XYZ	40.8805, 40.5945, 38.4818
YIQ	172.0790, 15.9550, 2.6990

Conversions

Conversions Part 2

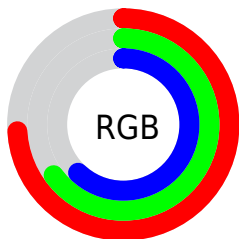
Format	Color
R_{YB}	189, 168, 159
Decimal	12428959
CIE Lab	69.89, 7.20, 6.68
CIE LCh	70, 9.827, 42.852
Yxy	40.5945, 0.3408, 0.3384
Android (android.graphics.Color)	4290619039 (0xFFBDA69F)
YUV	172.0790, -6.4479, 14.8397
Hunter-Lab	63.7138, 3.0313, 8.7897

Details

The YUV color $172.0790, -6.4479, 14.8397$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $175.9210, 6.4479, -14.8397$, and the grayscale version is $172.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $227.3780, -6.5954, 15.4545$, and $119.5950, -5.7163, 13.5102$ is the 20% darker color. If you saturate the color by 10%, you get $161.6950, -10.6956, 23.9465$, and if you desaturate by 10%, it is $182.4630, -2.2003, 5.7329$.

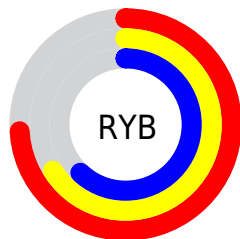
Distribution



Red (74%)

Green (65%)

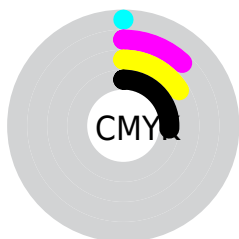
Blue (62%)



Red (74%)

Yellow (66%)

Blue (62%)

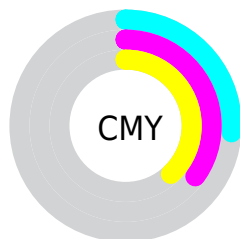


Cyan (0%)

Magenta (12%)

Yellow (16%)

Black (26%)



Cyan (26%)


Magenta (35%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.0790, -6.4479, 14.8397 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 172.0790, -6.4479, 14.8397 by changing the saturation by 10% instead.

 172.0790, -6.4479,
14.8397


 172.0790, -6.4479,
14.8397


255.0000, 0.0000,
0.0000


 145.7800, -6.3005,
14.2249


 227.3780, -6.5954,
15.4545


 119.5950, -5.7163,
13.5102

 250.5830, -4.2314,
3.8737

 95.1820, -6.0057,
12.9954

 70.9970, -5.4215,
12.2806

 48.8120, -4.8373,
11.5659

 27.2140, -4.5425,
10.3363

 4.7840, -2.3585,

9.8364

0.0000, 0.0000,
0.0000

172.0790, -6.4479,
14.8397

172.0790, -6.4479,
14.8397

161.6950,
-10.6956, 23.9465

182.4630, -2.2003,
5.7329

150.7240,
-14.6539, 33.5681

193.4340, 1.7580,
-3.8886

140.3400,
-18.9016, 42.6748

203.8180, 6.0057,
-12.9954

129.3690,
-22.8599, 52.2964

214.7890, 9.9640,
-22.6170

119.0990,
-26.6708, 61.3032

225.1730, 14.2117,
-31.7237

■ 108.1280,
-30.6291, 70.9247

■ 234.0920, 10.3076,
-39.5457

■ 97.7440, -34.8768,
80.0315

■ 235.2660, 9.7289,
-40.5753

■ 86.7730, -38.8351,
89.6531

■ 82.3390, -40.5931,
93.5417

Harmonies

Analogous

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



172.7030, -2.8116, 15.1695



172.0790, -6.4479, 14.8397



170.8890, -8.3263, 10.6213

Triad

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



172.0790, -6.4479, 14.8397



168.4670, -1.7092, -11.8106



170.8560, 8.4520, -4.2587

Complementary

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



172.0790, -6.4479, 14.8397



175.9210, 6.4479, -14.8397

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.



169.6270, 9.0579, -11.9509



172.0790, -6.4479, 14.8397



167.6990, 3.1064, -16.3990

Square

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



172.0790, -6.4479, 14.8397



169.1860, -5.5147, -4.5481



168.4370, 7.1796, -16.1692



171.9280, 5.9515, 4.4481

Rectangle

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



172.0790, -6.4479, 14.8397



170.1550, -8.4574, 6.0031



168.4370, 7.1796, -16.1692



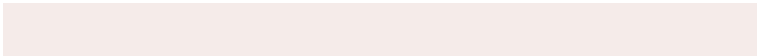
170.5460, 8.6048, -6.6178

Sweetspot

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



172.0790, -6.4479, 14.8397



237.7620, -2.3477, 6.3477



170.5920, 5.6241, 16.1438



118.2670, -1.6106, 3.2738



250.0000, 0.0000, 0.0000



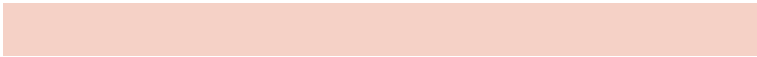
122.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



172.0790, -6.4479, 14.8397



218.5100, -10.1114, 23.2317



180.8840, -10.7888, 7.1177



88.8650, -1.9054, 4.5034



68.9610, -33.9978, 78.0872



13.3780, -6.5954, 15.4545

Inverse Universe

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



175.9210, 6.4479, -14.8397



224.4900, 10.1114, -23.2317



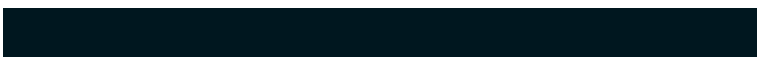
167.1160, 10.7888, -7.1177



90.1350, 1.9054, -4.5034



89.0390, 33.9978, -78.0872



17.0350, 6.8847, -14.9397

Previews

White Background



This preview shows how the YUV color 172.0790, -6.4479, 14.8397 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 172.0790, -6.4479, 14.8397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

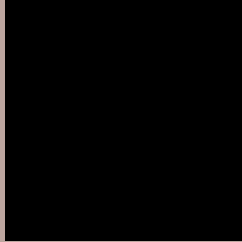
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.0790, -6.4479, 14.8397

Background



This preview shows how black text looks on a background with the YUV color 172.0790, -6.4479, 14.8397.



This preview shows how white text looks on a background with the YUV color 172.0790, -6.4479,

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

172.0790, -6.4479, 14.8397

Protanopia

170.7680, -4.8156, 4.5885

Deuteranopia

172.3890, -6.6008, 17.1988



Tritanopia

172.8540, 1.5510, 15.9140

Trichromacy



Original Color

172.0790, -6.4479, 14.8397

Protanomaly

171.5620, -5.7001, 8.2771

Deuteranomaly

172.0900, -6.4534, 16.5841

Tritanomaly

172.4580, -1.2118, 15.3843

Monochromacy



Original Color

172.0790, -6.4479, 14.8397

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

172.0500, -2.4897, 5.2181

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.0790, -6.4479, 14.8397 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(189, 166, 159)` looks like.

```
.text, #text, p{  
    color:rgb(189, 166, 159)  
}
```

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(189, 166, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 166, 159) }
```

Border

The CSS property to change the border of an element to YUV 172.0790, -6.4479, 14.8397 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(189, 166, 159) }
```


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

```
.border{ border-color:rgb(189, 166, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 166, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 166, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 166, 159);  
box-shadow:4px 4px 4px 4px rgb(189, 166,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 172.0790, -6.4479, 14.8397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 166, 159) }
```

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

```
.background{ background-color: rgb(189,  
166, 159) }
```

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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