

Converting Colors

YUV(172.0960, -12.3723,
1.6698)

Have a look what the booklet for
YUV(172.0960, -12.3723, 1.6698)
contains.

YUV(172.0960, -12.3723, 1.6698)	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(172.0960, -12.3723,
1.6698)**

Conversions

Conversions Part 1

Format	Color
Hex	AEB093
RGB	174, 176, 147
RGB Percent	68%, 69%, 58%
CMY	0.3176, 0.3098, 0.4235
CMYK	0.01, 0.00, 0.16, 0.31
HSL	64°, 16%, 63%
HSV	64°, 16%, 69%
XYZ	38.2474, 42.1559, 33.7248
YIQ	172.0960, 8.1170, -9.4430

Conversions

Conversions Part 2

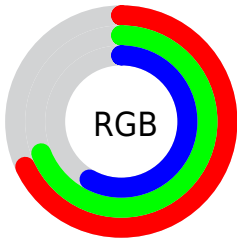
Format	Color
R_{YB}	147, 176, 149
Decimal	11448467
CIE Lab	70.98, -5.77, 14.64
CIE LCh	71, 15.738, 111.495
Yxy	42.1559, 0.3351, 0.3694
Android (android.graphics.Color)	4289638547 (0xFFAEB093)
YUV	172.0960, -12.3723, 1.6698
Hunter-Lab	64.9276, -8.4730, 14.6528

Details

The YUV color $172.0960, -12.3723, 1.6698$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $150.9040, 12.3723, -1.6698$, and the grayscale version is $172.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $227.8680, -13.2459, 1.8698$, and $119.9110, -11.7881, 0.9551$ is the 20% darker color. If you saturate the color by 10%, you get $169.7450, -20.0873, 2.8546$, and if you desaturate by 10%, it is $174.4470, -4.6574, 0.4850$.

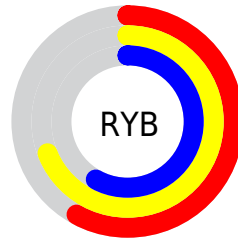
Distribution



Red (68%)

Green (69%)

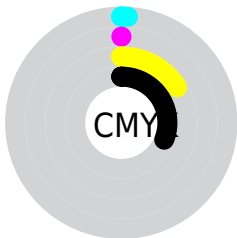
Blue (58%)



Red (58%)

Yellow (69%)

Blue (58%)

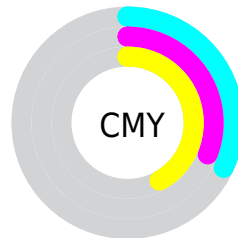


Cyan (1%)

Magenta (0%)

Yellow (16%)

Black (31%)



Cyan (32%)

Magenta (31%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.0960, -12.3723, 1.6698 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 172.0960, -12.3723, 1.6698 by changing the saturation by 10% instead.

■ 172.0960,
-12.3723, 1.6698

■ 172.0960,
-12.3723, 1.6698

255.0000, 0.0000,
0.0000

■ 145.2100,
-11.9355, 1.5698

■ 227.8680,
-13.2459, 1.8698

■ 119.9110,
-11.7881, 0.9551

■ 252.0360,
-11.3567, 2.5994

■ 95.0250, -11.3513,
0.8551

■ 71.2530, -10.4777,
0.6551

■ 48.7800, -9.7515,
1.0699

■ 27.3240, -11.4987,
1.4699

■ 4.1090, -2.0257,

-3.6036

■ 0.0000, 0.0000,
0.0000

■ 172.0960,
-12.3723, 1.6698

■ 172.0960,
-12.3723, 1.6698

■ 169.7450,
-20.0873, 2.8546

■ 174.4470, -4.6574,
0.4850

■ 167.5080,
-27.3654, 3.9395

■ 176.6840, 2.6208,
-0.5999

■ 164.8580,
-34.9330, 4.5095

■ 179.3340, 10.1883,
-1.1699

■ 162.6210,
-42.2112, 5.5944

■ 181.5710, 17.4665,
-2.2548

■ 160.2700,
-49.9261, 6.7792

■ 183.9220, 25.1815,
-3.4396

■ 157.9190,
-57.6411, 7.9640

■ 186.2730, 32.8964,
-4.6244

■ 155.6820,
-64.9192, 9.0489

■ 186.8000, 33.6226,
-4.2096

■ 153.0320,
-72.4868, 9.6189

■ 187.3980, 33.3278,
-2.9800

■ 152.3480,
-75.1076, 10.2188

■ 187.6970, 33.1804,
-2.3653

Harmonies

Analogous

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



173.5320, -13.5733, 13.5654



172.0960, -12.3723, 1.6698



170.6860, -7.2402, -11.1256

Triad

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



172.0960, -12.3723, 1.6698



169.8640, 12.8850, -26.1907



176.3600, 0.8085, 20.7323

Complementary

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



172.0960, -12.3723, 1.6698



150.9040, 12.3723, -1.6698

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.



176.4280, 7.6770, 11.0256



172.0960, -12.3723, 1.6698



172.0870, 14.7471, -16.7393

Square

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



172.0960, -12.3723, 1.6698



168.4740, 7.6543, -28.4797



174.3060, 12.6671, -2.8994



175.9600, -5.8963, 24.5911

Rectangle

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



172.0960, -12.3723, 1.6698



169.1950, -2.5611, -18.5880



174.3060, 12.6671, -2.8994



176.6200, 3.1453, 17.8733

Sweetspot

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



172.0960, -12.3723, 1.6698



228.3330, -5.0942, 0.5850



156.8450, -4.8536, 16.7989



113.9030, -2.9102, 0.0851



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



172.0960, -12.3723, 1.6698



223.5600, -19.5031, 2.1399



167.9100, -10.3086, -6.9371



87.9740, -3.9312, 0.8998



132.2690, -65.2086, 8.5341



22.4380, -11.0619, 1.3699

Inverse Universe

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



150.9040, 12.3723, -1.6698



190.1410, 19.6505, -2.7547



155.0900, 10.3086, 6.9371



81.3250, 3.7838, -0.2850



20.7310, 65.2086, -8.5341



3.5620, 11.0619, -1.3699

Previews

White Background



This preview shows how the YUV color 172.0960, -12.3723, 1.6698 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 172.0960, -12.3723, 1.6698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

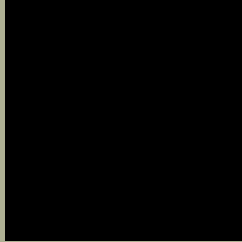
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

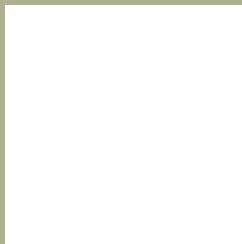
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 172.0960, -12.3723, 1.6698

Background



This preview shows how black text looks on a background with the YUV color 172.0960, -12.3723, 1.6698.



This preview shows how white text looks on a background with the YUV color 172.0960, -12.3723, 1.6698.

1.6698.

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

172.0960, -12.3723, 1.6698

Protanopia

172.9120, -13.2676, 8.8472

Deuteranopia

174.5160, -12.5794, 21.4725



Tritanopia

174.8740, 4.4991, 3.6185

Trichromacy



Original Color

172.0960, -12.3723, 1.6698

Protanomaly

172.6020, -13.1148, 6.4880

Deuteranomaly

173.4720, -12.5577, 14.4951

Tritanomaly

173.9680, -1.4632, 2.6591

Monochromacy



Original Color

172.0960, -12.3723, 1.6698

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.8600, -4.3680, 0.9998

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.0960, -12.3723, 1.6698 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(174, 176, 147)` looks like.

```
.text, #text, p{  
    color:rgb(174, 176, 147)  
}
```

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(174, 176, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 176, 147) }
```

Border

The CSS property to change the border of an element to YUV 172.0960, -12.3723, 1.6698 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(174, 176, 147) }
```


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

```
.border{ border-color:rgb(174, 176, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 176, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 176, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 176, 147);  
box-shadow:4px 4px 4px 4px rgb(174, 176,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 172.0960, -12.3723, 1.6698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 176, 147) }
```

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

```
.background{ background-color: rgb(174,  
176, 147) }
```

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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