

Converting Colors

YUV(172.4240, -16.4780,
11.9062)

Have a look what the booklet for
YUV(172.4240, -16.4780, 11.9062)
contains.

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Color

**YUV(172.4240, -16.4780,
11.9062)**

Conversions

Conversions Part 1

Format	Color
Hex	BAAC8B
RGB	186, 172, 139
RGB Percent	73%, 67%, 55%
CMY	0.2706, 0.3255, 0.4549
CMYK	0.00, 0.08, 0.25, 0.27
HSL	42°, 25%, 64%
HSV	42°, 25%, 73%
XYZ	39.6624, 41.8082, 30.4055
YIQ	172.4240, 18.9370, -7.2950

Conversions

Conversions Part 2

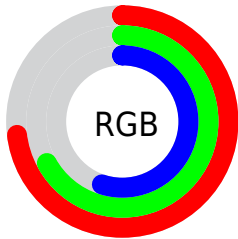
Format	Color
R _{YB}	159, 186, 139
Decimal	12233867
CIE Lab	70.74, -0.24, 18.82
CIE LCh	71, 18.825, 90.717
Yxy	41.8082, 0.3545, 0.3737
Android (android.graphics.Color)	4290423947 (0xFFBAAC8B)
YUV	172.4240, -16.4780, 11.9062
Hunter-Lab	64.6593, -3.6607, 17.3809

Details

The YUV color $172.4240, -16.4780, 11.9062$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $152.5760, 16.4780, -11.9062$, and the grayscale version is $173.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $227.9080, -17.2096, 13.2357$, and $120.0540, -15.3096, 10.4766$ is the 20% darker color. If you saturate the color by 10%, you get $166.7360, -23.0408, 16.8945$, and if you desaturate by 10%, it is $178.1120, -9.9152, 6.9178$.

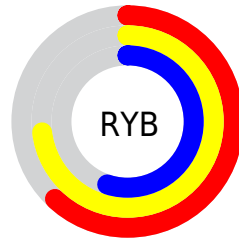
Distribution



Red (73%)

Green (67%)

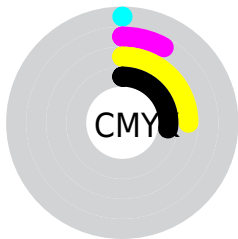
Blue (55%)



Red (62%)

Yellow (73%)

Blue (55%)

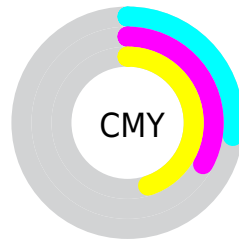


Cyan (0%)

Magenta (8%)

Yellow (25%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.4240, -16.4780, 11.9062 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 172.4240, -16.4780, 11.9062 by changing the saturation by 10% instead.

■ 172.4240,
-16.4780, 11.9062

■ 172.4240,
-16.4780, 11.9062

255.0000, 0.0000,
0.0000

■ 145.5380,
-16.0412, 11.8062

■ 227.9080,
-17.2096, 13.2357

■ 120.0540,
-15.3096, 10.4766

■ 251.1240,
-14.8511, 3.3993

■ 95.1680, -14.8728,
10.3767

■ 254.3160, -2.6208,
0.5999

■ 71.6840, -14.1412,
9.0471

■ 48.6130, -13.1202,
8.2324

■ 27.4990, -13.5570,
8.3324

■ 2.9570, -1.4578,

0.9147

0.0000, 0.0000,
0.0000

172.4240,
-16.4780, 11.9062

172.4240,
-16.4780, 11.9062

166.7360,
-23.0408, 16.8945

178.1120, -9.9152,
6.9178

161.7490,
-29.4563, 21.2681

183.0990, -3.4998,
2.5442

156.0610,
-36.0191, 26.2565

188.7870, 3.0630,
-2.4442

151.0740,
-42.4345, 30.6301

193.7740, 9.4784,
-6.8178

145.3860,
-48.9973, 35.6185

199.4620, 16.0412,
-11.8062

■ 140.2850,
-55.8495, 40.0921

■ 204.5630, 22.8934,
-16.2798

■ 134.7110,
-61.9755, 44.9805

■ 208.5410, 22.9043,
-19.7685

■ 132.5110,
-65.3279, 46.9099

■ 211.4760, 21.4573,
-22.3425

■ 214.9980, 19.7210,
-25.4312

Harmonies

Analogous

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



173.9570, -14.7688, 23.7167



172.4240, -16.4780, 11.9062



170.1340, -13.3771, -2.7485

Triad

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



172.4240, -16.4780, 11.9062



166.4670, 11.6018, -34.6126



176.5320, 6.6397, 17.0734

Complementary

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



172.4240, -16.4780, 11.9062



152.5760, 16.4780, -11.9062

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.



175.1540, 13.2351, 1.6189



172.4240, -16.4780, 11.9062



168.4660, 16.5323, -29.3497

Square

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



172.4240, -16.4780, 11.9062



166.6110, 3.1498, -30.3538



171.7820, 17.3625, -15.5948



176.1220, -1.5391, 27.0800

Rectangle

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



172.4240, -16.4780, 11.9062



168.9200, -8.8346, -13.0848



171.7820, 17.3625, -15.5948



175.8950, 9.4188, 12.3701

Sweetspot

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



172.4240, -16.4780, 11.9062



236.3120, -6.5628, 4.9884



154.6490, -0.8130, 27.4948



118.8710, -4.3734, 2.7441



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.



172.4240, -16.4780, 11.9062



221.4650, -25.3722, 18.0092



177.9510, -19.2028, -0.8340



89.2130, -3.0630, 2.4442



110.6270, -54.5391, 39.7921



20.1120, -9.9152, 6.9178

Inverse Universe

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



152.5760, 16.4780, -11.9062



190.5350, 25.3722, -18.0092



147.0490, 19.2028, 0.8340



85.2000, 3.3524, -1.9294



44.7860, 54.8285, -39.2773



7.8880, 9.9152, -6.9178

Previews

White Background



This preview shows how the YUV color 172.4240, -16.4780, 11.9062 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 172.4240, -16.4780, 11.9062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

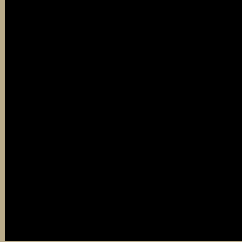
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.4240, -16.4780, 11.9062

Background



This preview shows how black text looks on a background with the YUV color 172.4240, -16.4780, 11.9062.



This preview shows how white text looks on a background with the YUV color 172.4240, -16.4780, 11.9062.

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

172.4240, -16.4780, 11.9062

Protanopia

172.4130, -16.4726, 10.1618

Deuteranopia

173.5010, -16.5160, 24.1166



Tritanopia

174.9570, 1.9932, 14.0697

Trichromacy



Original Color

172.4240, -16.4780, 11.9062

Protanomaly

172.7120, -16.6200, 10.7766

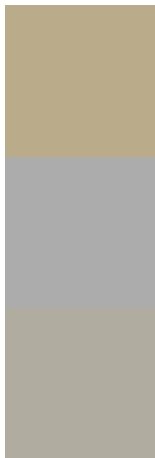
Deuteranomaly

173.1800, -16.3577, 20.0131

Tritanomaly

173.8230, -4.8427, 13.3102

Monochromacy



Original Color

172.4240, -16.4780, 11.9062

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

172.1270, -5.9786, 4.2736

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.4240, -16.4780, 11.9062 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(186, 172, 139)` looks like.

```
.text, #text, p{  
    color:rgb(186, 172, 139)  
}
```

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(186, 172, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 172, 139) }
```

Border

The CSS property to change the border of an element to YUV 172.4240, -16.4780, 11.9062 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(186, 172, 139) }
```


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

```
.border{ border-color:rgb(186, 172, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 172, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 172, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 172, 139);  
box-shadow:4px 4px 4px 4px rgb(186, 172,  
139) }
```

Background

The CSS property to change the background color of an element to YUV 172.4240, -16.4780, 11.9062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 172, 139) }
```

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

```
.background{ background-color: rgb(186,  
172, 139) }
```

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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