

Converting Colors

YUV(172.9560, -13.2893,
15.8246)

Have a look what the booklet for
YUV(172.9560, -13.2893, 15.8246)
contains.

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Color

**YUV(172.9560, -13.2893,
15.8246)**

Conversions

Conversions Part 1

Format	Color
Hex	BFA992
RGB	191, 169, 146
RGB Percent	75%, 66%, 57%
CMY	0.2510, 0.3373, 0.4275
CMYK	0.00, 0.12, 0.24, 0.25
HSL	31°, 26%, 66%
HSV	31°, 24%, 75%
XYZ	40.8621, 41.5276, 33.0561
YIQ	172.9560, 20.4950, -2.4890

Conversions

Conversions Part 2

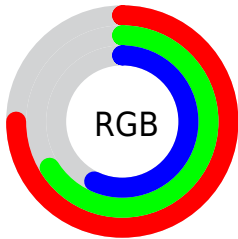
Format	Color
R _Y B	189, 191, 146
Decimal	12560786
CIE Lab	70.54, 4.33, 14.79
CIE LCh	71, 15.416, 73.677
Yxy	41.5276, 0.3540, 0.3597
Android (android.graphics.Color)	4290750866 (0xFFBFA992)
YUV	172.9560, -13.2893, 15.8246
Hunter-Lab	64.4419, 0.4121, 14.6960

Details

The YUV color $172.9560, -13.2893, 15.8246$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $164.0440, 13.2893, -15.8246$, and the grayscale version is $173.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $228.4400, -14.0209, 17.1541$, and $120.4720, -12.5577, 14.4951$ is the 20% darker color. If you saturate the color by 10%, you get $165.5070, -18.9840, 22.3574$, and if you desaturate by 10%, it is $180.4050, -7.5947, 9.2918$.

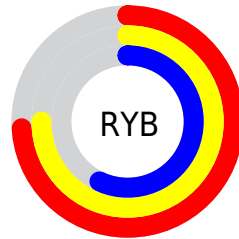
Distribution



Red (75%)

Green (66%)

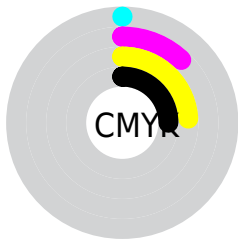
Blue (57%)



Red (74%)

Yellow (75%)

Blue (57%)

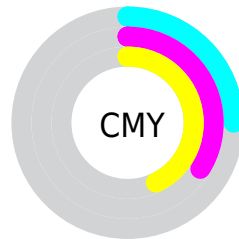


Cyan (0%)

Magenta (12%)

Yellow (24%)

Black (25%)



Cyan (25%)

Magenta (34%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.9560, -13.2893, 15.8246 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 172.9560, -13.2893, 15.8246 by changing the saturation by 10% instead.

■ 172.9560,
-13.2893, 15.8246

■ 172.9560,
-13.2893, 15.8246

255.0000, 0.0000,
0.0000

■ 146.6570,
-13.1419, 15.2098

■ 228.4400,
-14.0209, 17.1541

■ 120.4720,
-12.5577, 14.4951

■ 250.7480,
-11.2148, 3.7290

■ 95.4010, -11.5367,
13.6803

■ 71.8030, -11.2419,
12.4508

■ 49.3190, -10.5103,
11.1212

■ 27.5640, -12.1101,
10.9064

■ 4.1860, -2.0637,

8.6069

■ 0.0000, 0.0000,
0.0000

■ 172.9560,
-13.2893, 15.8246

■ 172.9560,
-13.2893, 15.8246

■ 165.5070,
-18.9840, 22.3574

■ 180.4050, -7.5947,
9.2918

■ 157.4710,
-24.3892, 29.4049

■ 188.4410, -2.1894,
2.2442

■ 150.0220,
-30.0838, 35.9377

■ 195.8900, 3.5052,
-4.2885

■ 142.5730,
-35.7785, 42.4705

■ 203.3390, 9.1999,
-10.8213

■ 134.4230,
-41.6205, 49.6180

■ 211.3750, 14.6051,
-17.8689

■ 126.9740,
-47.3152, 56.1508

■ 218.2540, 18.1158,
-23.9018

■ 119.5250,
-53.0098, 62.6836

■ 223.5370, 15.5113,
-28.5349

■ 114.6350,
-56.5151, 66.9721

■ 229.4070, 12.6173,
-33.6829

■ 234.6900, 10.0128,
-38.3161

Harmonies

Analogous

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



174.2110, -9.9640, 22.6170



172.9560, -13.2893, 15.8246



171.5910, -13.1094, 4.7437

Triad

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



172.9560, -13.2893, 15.8246



167.6160, 5.6123, -26.8502



174.7480, 8.9982, 7.2370

Complementary

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



172.9560, -13.2893, 15.8246



164.0440, 13.2893, -15.8246

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.



173.0990, 13.2622, -7.1028



172.9560, -13.2893, 15.8246



168.1090, 11.2853, -26.4056

Square

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



172.9560, -13.2893, 15.8246



168.0100, -1.9769, -19.3028



170.2500, 14.1738, -19.5132



175.5060, 2.7085, 17.9732

Rectangle

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



172.9560, -13.2893, 15.8246



169.9320, -10.3195, -3.4484



170.2500, 14.1738, -19.5132



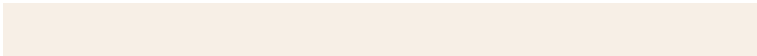
173.8830, 10.9037, 2.7336

Sweetspot

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



172.9560, -13.2893, 15.8246



240.3660, -5.1104, 5.8180



162.0770, 3.4130, 25.3655



120.9250, -2.9210, 3.5738



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



172.9560, -13.2893, 15.8246



219.1760, -20.2998, 24.4016



185.8700, -19.6559, 4.4990



90.6260, -2.7736, 2.9590



94.7890, -46.7310, 55.4360



18.6610, -9.1999, 10.8213

Inverse Universe

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



164.0440, 13.2893, -15.8246



205.8240, 20.2998, -24.4016



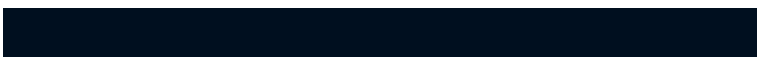
151.1300, 19.6559, -4.4990



88.9610, 2.4842, -3.4738



63.2110, 46.7310, -55.4360



12.3390, 9.1999, -10.8213

Previews

White Background



This preview shows how the YUV color 172.9560, -13.2893, 15.8246 looks on a white background.

Color Contrast Check

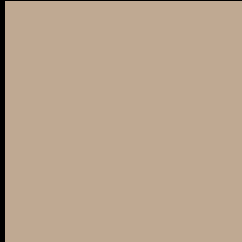
Large Text (above 18pt) WCAG AA × Fail

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 172.9560, -13.2893, 15.8246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

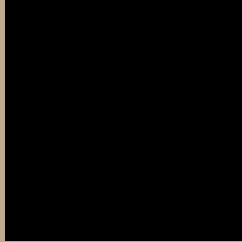
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.9560, -13.2893, 15.8246

Background



This preview shows how black text looks on a background with the YUV color 172.9560, -13.2893, 15.8246.



This preview shows how white text looks on a background with the YUV color 172.9560, -13.2893, 15.8246.

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

172.9560, -13.2893, 15.8246

Protanopia

171.9550, -11.8098, 7.9325

Deuteranopia

173.7010, -13.1636, 22.1872



Tritanopia

175.3380, 0.8194, 17.2436

Trichromacy



Original Color

172.9560, -13.2893, 15.8246

Protanomaly

172.4500, -12.5469, 11.0063

Deuteranomaly

173.3910, -13.0108, 19.8281

Tritanomaly

174.3720, -4.1274, 17.2138

Monochromacy



Original Color

172.9560, -13.2893, 15.8246

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

173.3660, -5.1104, 5.8180

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.9560, -13.2893, 15.8246 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(191, 169, 146)` looks like.

```
.text, #text, p{  
    color:rgb(191, 169, 146)  
}
```

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(191, 169, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 169, 146) }
```

Border

The CSS property to change the border of an element to YUV 172.9560, -13.2893, 15.8246 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(191, 169, 146) }
```


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

```
.border{ border-color:rgb(191, 169, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 169, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 169, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 169, 146);  
box-shadow:4px 4px 4px 4px rgb(191, 169,  
146) }
```

Background

The CSS property to change the background color of an element to YUV 172.9560, -13.2893, 15.8246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 169, 146) }
```

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

```
.background{ background-color: rgb(191,  
169, 146) }
```

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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