

Converting Colors

YUV(172.1420, -18.8040,
11.2765)

Have a look what the booklet for
YUV(172.1420, -18.8040, 11.2765)
contains.

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Color

**YUV(172.1420, -18.8040,
11.2765)**

Conversions

Conversions Part 1

Format	Color
Hex	B9AD86
RGB	185, 173, 134
RGB Percent	73%, 68%, 53%
CMY	0.2745, 0.3216, 0.4745
CMYK	0.00, 0.06, 0.28, 0.27
HSL	46°, 27%, 63%
HSV	46°, 28%, 73%
XYZ	39.2542, 41.9227, 28.5772
YIQ	172.1420, 19.6710, -9.5850

Conversions

Conversions Part 2

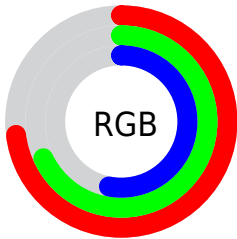
Format	Color
RYB	150, 185, 134
Decimal	12168582
CIELab	70.82, -1.86, 21.63
CIElCh	71, 21.714, 94.920
Yxy	41.9227, 0.3577, 0.3820
Android (android.graphics.Color)	4290358662 (0xFFB9AD86)
YUV	172.1420, -18.8040, 11.2765
Hunter-Lab	64.7477, -5.0903, 19.1550

Details

The YUV color **172.1420, -18.8040, 11.2765** is a light color, and the websafe version is hex **999966**. A complement of this color would be **146.8580, 18.8040, -11.2765**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.5120, -19.9724, 12.7060**, and **119.7720, -17.6356, 9.8470** is the 20% darker color. If you saturate the color by 10%, you get **167.7420, -25.5088, 15.1353**, and if you desaturate by 10%, it is **176.6560, -11.6624, 7.3177**.

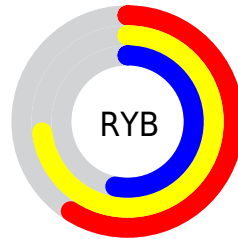
Distribution



Red (73%)

Green (68%)

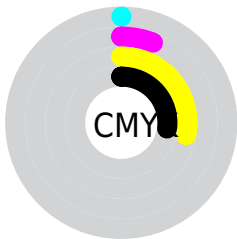
Blue (53%)



Red (59%)

Yellow (73%)

Blue (53%)

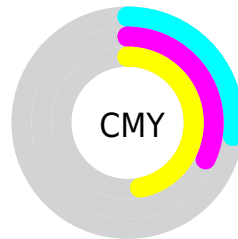


Cyan (0%)

Magenta (6%)

Yellow (28%)

Black (27%)



Cyan (27%)

Magenta (32%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.1420, -18.8040, 11.2765 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 172.1420, -18.8040, 11.2765 by changing the saturation by 10% instead.

■ 172.1420,
-18.8040, 11.2765

■ 172.1420,
-18.8040, 11.2765

255.0000, 0.0000,
0.0000

■ 145.3700,
-17.9304, 11.0765

■ 227.5120,
-19.9724, 12.7060

■ 119.7720,
-17.6356, 9.8470

■ 250.4400,
-17.4719, 3.9991

■ 95.0000, -16.7620,
9.6470

■ 253.7460, -4.8048,
1.0998

■ 70.8150, -16.1778,
8.9322

■ 48.3310, -15.4462,
7.6027

■ 27.7870, -13.6990,
7.2028

■ 2.3480, -1.1576,

-2.0592

■ 0.0000, 0.0000,
0.0000

■ 172.1420,
-18.8040, 11.2765

■ 172.1420,
-18.8040, 11.2765

■ 167.7420,
-25.5088, 15.1353

■ 176.6560,
-11.6624, 7.3177

■ 162.6410,
-32.3610, 19.6088

■ 181.6430, -5.2470,
2.9441

■ 158.1270,
-39.5026, 23.5676

■ 186.0430, 1.4578,
-0.9147

■ 153.7270,
-46.2074, 27.4264

■ 190.5570, 8.5994,
-4.8735

■ 148.7400,
-52.6228, 31.8000

■ 195.6580, 15.4516,
-9.3471

■ 144.2260,
-59.7644, 35.7588

■ 200.0580, 22.1564,
-13.2059

■ 139.7120,
-66.9060, 39.7176

■ 203.5460, 25.3668,
-16.2648

■ 138.0820,
-68.0744, 41.1471

■ 206.4810, 23.9199,
-18.8388

■ 208.8290, 22.7623,
-20.8980

Harmonies

Analogous

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



173.8710, -17.6844, 25.5461



172.1420, -18.8040, 11.2765



169.8840, -14.2398, -6.0373

Triad

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



172.1420, -18.8040, 11.2765



165.5200, 14.5336, -41.6750



176.5650, 6.6235, 22.3065

Complementary

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



172.1420, -18.8040, 11.2765



146.8580, 18.8040, -11.2765

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.



175.6320, 14.9714, 4.7077



172.1420, -18.8040, 11.2765



168.2420, 19.6007, -33.5382

Square

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



172.1420, -18.8040, 11.2765



165.4360, 5.2081, -37.2164



172.3520, 19.5465, -16.0947



176.5140, -2.7184, 31.9982

Rectangle

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



172.1420, -18.8040, 11.2765



168.1860, -8.9657, -17.7031



172.3520, 19.5465, -16.0947



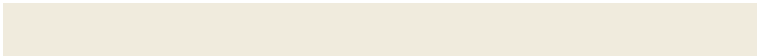
176.6290, 9.5499, 16.9884

Sweetspot

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



172.1420, -18.8040, 11.2765



234.8990, -6.8522, 4.4736



150.7310, -1.8394, 30.0539



116.8710, -4.3734, 2.7441



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



172.1420, -18.8040, 11.2765



219.8410, -29.0086, 17.6794



175.2990, -20.3604, -2.8932



89.8000, -3.3524, 1.9294



116.4970, -57.4330, 34.6441



20.6990, -10.2046, 6.4030

Inverse Universe

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



146.8580, 18.8040, -11.2765



180.5720, 29.2980, -17.1646



143.7010, 20.3604, 2.8932



85.2000, 3.3524, -1.9294



39.5030, 57.4330, -34.6441



7.3010, 10.2046, -6.4030

Previews

White Background



This preview shows how the YUV color 172.1420, -18.8040, 11.2765 looks on a white background.

Color Contrast Check

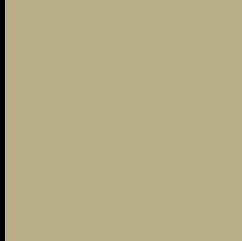
Large Text (above 18pt) WCAG AA × Fail

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 172.1420, -18.8040, 11.2765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

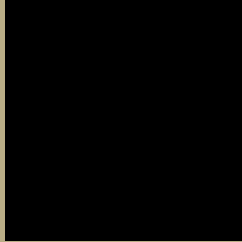
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.1420, -18.8040, 11.2765

Background



This preview shows how black text looks on a background with the YUV color 172.1420, -18.8040, 11.2765.



This preview shows how white text looks on a background with the YUV color 172.1420, -18.8040, 11.2765.

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

172.1420, -18.8040, 11.2765

Protanopia

172.1420, -18.8040, 11.2765

Deuteranopia

173.5290, -18.9948, 25.8461



Tritanopia

175.6580, 2.1406, 13.4549

Trichromacy



Original Color

172.1420, -18.8040, 11.2765

Protanomaly

172.1420, -18.8040, 11.2765

Deuteranomaly

173.1970, -18.8311, 19.9982

Tritanomaly

174.2960, -5.5689, 12.8954

Monochromacy



Original Color

172.1420, -18.8040, 11.2765

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.8990, -6.8522, 4.4736

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.1420, -18.8040, 11.2765 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(185, 173, 134)` looks like.

```
.text, #text, p{  
    color:rgb(185, 173, 134)  
}
```

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(185, 173, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 173, 134) }
```

Border

The CSS property to change the border of an element to YUV 172.1420, -18.8040, 11.2765 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(185, 173, 134) }
```


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

```
.border{ border-color:rgb(185, 173, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 173, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 173, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 173, 134);  
box-shadow:4px 4px 4px 4px rgb(185, 173,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 172.1420, -18.8040, 11.2765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 173, 134) }
```

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

```
.background{ background-color: rgb(185,  
173, 134) }
```

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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