

Converting Colors

YUV(171.6200, -17.0677,
14.3653)

Have a look what the booklet for
YUV(171.6200, -17.0677, 14.3653)
contains.

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Color

**YUV(171.6200, -17.0677,
14.3653)**

Conversions

Conversions Part 1

Format	Color
Hex	BCAA89
RGB	188, 170, 137
RGB Percent	74%, 67%, 54%
CMY	0.2627, 0.3333, 0.4627
CMYK	0.00, 0.10, 0.27, 0.26
HSL	39°, 28%, 64%
HSV	39°, 27%, 74%
XYZ	39.6291, 41.2470, 29.5397
YIQ	171.6200, 21.3210, -6.4470

Conversions

Conversions Part 2

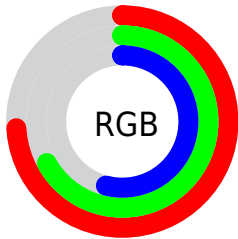
Format	Color
RYB	165, 188, 137
Decimal	12364425
CIELab	70.35, 1.34, 19.40
CIElCh	70, 19.450, 86.048
Yxy	41.2470, 0.3589, 0.3736
Android (android.graphics.Color)	4290554505 (0xFFBCAA89)
YUV	171.6200, -17.0677, 14.3653
Hunter-Lab	64.2238, -2.2487, 17.6863

Details

The YUV color $171.6200, -17.0677, 14.3653$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $153.3800, 17.0677, -14.3653$, and the grayscale version is $172.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $227.1040, -17.7993, 15.6948$, and $119.2500, -15.8993, 12.9358$ is the 20% darker color. If you saturate the color by 10%, you get $165.3450, -23.3411, 19.8684$, and if you desaturate by 10%, it is $177.8950, -10.7942, 8.8621$.

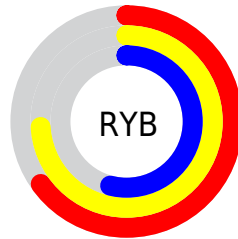
Distribution



Red (74%)

Green (67%)

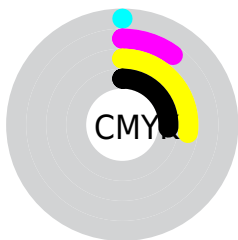
Blue (54%)



Red (65%)

Yellow (74%)

Blue (54%)

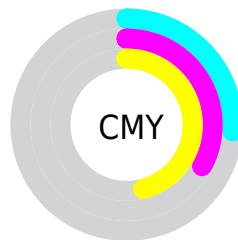


Cyan (0%)

Magenta (10%)

Yellow (27%)

Black (26%)



Cyan (26%)

Magenta (33%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.6200, -17.0677, 14.3653 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 171.6200, -17.0677, 14.3653 by changing the saturation by 10% instead.

■ 171.6200,
-17.0677, 14.3653

■ 171.6200,
-17.0677, 14.3653

255.0000, 0.0000,
0.0000

■ 145.3210,
-16.9203, 13.7505

■ 227.1040,
-17.7993, 15.6948

■ 119.2500,
-15.8993, 12.9358

■ 250.1950,
-15.8721, 4.2140

■ 94.0650, -15.3150,
12.2210

■ 254.0880, -3.4944,
0.7998

■ 70.5810, -14.5834,
10.8915

■ 48.0970, -13.8518,
9.5619

■ 27.2110, -13.4150,
9.4620

■ 1.4950, -0.7370,

3.0739

■ 0.0000, 0.0000,
0.0000

■ 171.6200,
-17.0677, 14.3653

■ 171.6200,
-17.0677, 14.3653

■ 165.3450,
-23.3411, 19.8684

■ 177.8950,
-10.7942, 8.8621

■ 159.6570,
-29.9039, 24.8568

■ 183.5830, -4.2314,
3.8737

■ 153.4960,
-35.7405, 30.2600

■ 189.7440, 1.6052,
-1.5295

■ 147.2210,
-42.0140, 35.7632

■ 196.0190, 7.8786,
-7.0327

■ 141.5330,
-48.5768, 40.7516

■ 201.7070, 14.4414,
-12.0210

■ 135.2580,
-54.8502, 46.2547

■ 207.9820, 20.7149,
-17.5242

■ 129.5700,
-61.4130, 51.2431

■ 212.0740, 21.1625,
-21.1129

■ 127.8260,
-63.0182, 52.7726

■ 216.1830, 19.1368,
-24.7165

■ 220.2920, 17.1110,
-28.3201

Harmonies

Analogous

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



172.9680, -14.7742, 25.4611



171.6200, -17.0677, 14.3653



169.8030, -14.6929, -0.7042

Triad

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



171.6200, -17.0677, 14.3653



165.2280, 10.7336, -36.1570



175.2760, 8.2449, 15.5439

Complementary

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



171.6200, -17.0677, 14.3653



153.3800, 17.0677, -14.3653

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.



173.3000, 15.1351, -1.1401



171.6200, -17.0677, 14.3653



166.8570, 16.8325, -32.3236

Square

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



171.6200, -17.0677, 14.3653



165.5680, 1.6920, -29.4391



170.2870, 18.0995, -18.6687



175.4640, -0.2288, 26.7801

Rectangle

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



171.6200, -17.0677, 14.3653



168.1760, -10.4398, -11.5554



170.2870, 18.0995, -18.6687



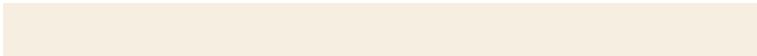
174.6390, 11.0240, 10.8406

Sweetspot

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



171.6200, -17.0677, 14.3653



238.6110, -6.7102, 5.6032



154.4150, 0.7814, 29.4540



118.2840, -4.0840, 3.2589



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.



171.6200, -17.0677, 14.3653



218.7430, -26.9883, 23.0274



180.0930, -21.2448, 0.7954



91.2130, -3.0630, 2.4442



107.1160, -52.8082, 44.6253



21.0090, -10.3574, 8.7621

Inverse Universe

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



153.3800, 17.0677, -14.3653



190.2570, 26.9883, -23.0274



144.9070, 21.2448, -0.7954



87.7870, 3.0630, -2.4442



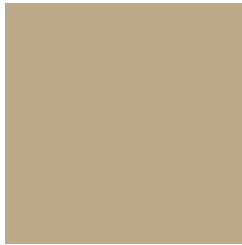
50.8840, 52.8082, -44.6253



9.9910, 10.3574, -8.7621

Previews

White Background



This preview shows how the YUV color 171.6200, -17.0677, 14.3653 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 171.6200, -17.0677, 14.3653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

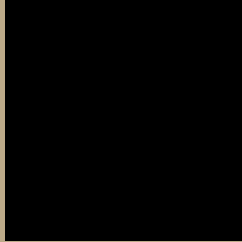
Any Text WCAG AA ✓ Pass

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 171.6200, -17.0677, 14.3653 Background



This preview shows how black text looks on a background with the YUV color 171.6200, -17.0677, 14.3653.



This preview shows how white text looks on a background with the YUV color 171.6200, -17.0677, 14.3653.

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

171.6200, -17.0677, 14.3653

Protanopia

171.4130, -16.4726, 10.1618

Deuteranopia

172.3870, -16.9528, 24.2166



Tritanopia

174.1530, 1.4036, 16.5288

Trichromacy



Original Color

171.6200, -17.0677, 14.3653

Protanomaly

171.4240, -16.4780, 11.9062

Deuteranomaly

172.3650, -16.9419, 20.7279

Tritanomaly

173.0190, -5.4324, 15.7693

Monochromacy



Original Color

171.6200, -17.0677, 14.3653

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.7250, -6.2734, 5.5032

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.6200, -17.0677, 14.3653 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(188, 170, 137)` looks like.

```
.text, #text, p{  
    color:rgb(188, 170, 137)  
}
```

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(188, 170, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 170, 137) }
```

Border

The CSS property to change the border of an element to YUV 171.6200, -17.0677, 14.3653 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(188, 170, 137) }
```


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

```
.border{ border-color:rgb(188, 170, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 170, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 170, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 170, 137);  
box-shadow:4px 4px 4px 4px rgb(188, 170,  
137) }
```

Background

The CSS property to change the background color of an element to YUV 171.6200, -17.0677, 14.3653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 170, 137) }
```

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

```
.background{ background-color: rgb(188,  
170, 137) }
```

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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