

Converting Colors

YUV(170.8440, -23.5871,
5.3988)

Have a look what the booklet for
YUV(170.8440, -23.5871, 5.3988)
contains.

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Color

**YUV(170.8440, -23.5871,
5.3988)**

Conversions

Conversions Part 1

Format	Color
Hex	B1B17B
RGB	177, 177, 123
RGB Percent	69%, 69%, 48%
CMY	0.3059, 0.3059, 0.5176
CMYK	0.00, 0.00, 0.31, 0.31
HSL	60°, 26%, 59%
HSV	60°, 31%, 69%
XYZ	37.4288, 42.2215, 24.9157
YIQ	170.8440, 17.3340, -16.7940

Conversions

Conversions Part 2

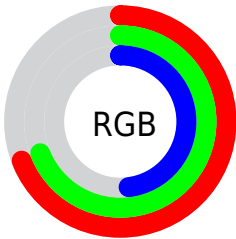
Format	Color
RYB	123, 177, 123
Decimal	11645307
CIELab	71.02, -8.61, 27.71
CIELCh	71, 29.018, 107.267
Yxy	42.2215, 0.3579, 0.4038
Android (android.graphics.Color)	4289835387 (0xFFB1B17B)
YUV	170.8440, -23.5871, 5.3988
Hunter-Lab	64.9780, -10.8917, 22.7500

Details

The YUV color **170.8440, -23.5871, 5.3988** is a light color, and the websafe version is hex **999966**. A complement of this color would be **129.1560, 23.5871, -5.3988**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.5020, -24.8975, 5.6987**, and **118.7730, -22.5661, 4.5841** is the 20% darker color. If you saturate the color by 10%, you get **168.7920, -31.4495, 7.1984**, and if you desaturate by 10%, it is **172.8960, -15.7247, 3.5992**.

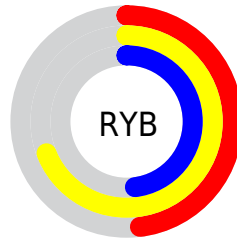
Distribution



Red (69%)

Green (69%)

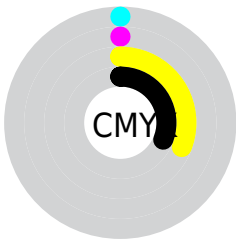
Blue (48%)



Red (48%)

Yellow (69%)

Blue (48%)

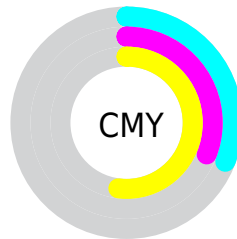


Cyan (0%)

Magenta (0%)

Yellow (31%)

Black (31%)



Cyan (31%)

Magenta (31%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.8440, -23.5871, 5.3988 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 170.8440, -23.5871, 5.3988 by changing the saturation by 10% instead.

■ 170.8440,
-23.5871, 5.3988

■ 170.8440,
-23.5871, 5.3988

255.0000, 0.0000,
0.0000

■ 144.0720,
-22.7135, 5.1989

■ 226.5020,
-24.8975, 5.6987

■ 118.7730,
-22.5661, 4.5841

■ 249.1860,
-22.2767, 5.0989

■ 93.7020, -21.5451,
3.7693

■ 252.3780,
-10.0464, 2.2995

■ 69.6310, -20.5241,
2.9546

■ 46.5170, -20.9609,
3.0546

■ 27.1560, -13.3879,
0.7402

■ 4.1090, -2.0257,

-3.6036

■ 0.0000, 0.0000,
0.0000

■ 170.8440,
-23.5871, 5.3988

■ 170.8440,
-23.5871, 5.3988

■ 168.7920,
-31.4495, 7.1984

■ 172.8960,
-15.7247, 3.5992

■ 166.8540,
-38.8750, 8.8980

■ 174.8340, -8.2992,
1.8996

■ 164.8020,
-46.7374, 10.6976

■ 176.8860, -0.4368,
0.1000

■ 162.7500,
-54.5998, 12.4972

■ 178.9380, 7.4256,
-1.6996

■ 160.8120,
-62.0253, 14.1969

■ 180.8760, 14.8511,
-3.3993

■ 158.7600,
-69.8877, 15.9965

■ 182.9280, 22.7135,
-5.1989

■ 156.8220,
-77.3132, 17.6961

■ 184.9800, 30.5759,
-6.9985

■ 185.8920, 34.0702,
-7.7983

Harmonies

Analogous

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



173.3350, -24.8152, 26.0162



170.8440, -23.5871, 5.3988



167.5790, -15.0754, -18.0478

Triad

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



170.8440, -23.5871, 5.3988



162.0540, 24.6234, -57.9294



177.6700, 4.1067, 36.2464

Complementary

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



170.8440, -23.5871, 5.3988



129.1560, 23.5871, -5.3988

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.



177.6380, 15.9545, 16.1035



170.8440, -23.5871, 5.3988



168.3860, 27.9107, -38.9265

Square

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



170.8440, -23.5871, 5.3988



160.0080, 14.2931, -57.8890



174.3510, 24.4770, -10.8318



176.9840, -8.8661, 43.8640

Rectangle

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



170.8440, -23.5871, 5.3988



165.1840, -6.0067, -33.4874



174.3510, 24.4770, -10.8318



178.0760, 8.3435, 30.6283

Sweetspot

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



170.8440, -23.5871, 5.3988



227.6060, -9.1728, 2.0995



139.1460, -7.9600, 33.1980



113.5180, -5.6784, 1.2997



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.



170.8440, -23.5871, 5.3988



220.3100, -37.1278, 8.4981



162.7710, -19.6071, -11.2002



87.9740, -3.9312, 0.8998



135.5580, -66.8301, 15.2966



23.0360, -11.3567, 2.5994

Inverse Universe

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



129.1560, 23.5871, -5.3988



154.6900, 37.1278, -8.4981



137.2290, 19.6071, 11.2002



81.0260, 3.9312, -0.8998



17.4420, 66.8301, -15.2966



2.9640, 11.3567, -2.5994

Previews

White Background



This preview shows how the YUV color 170.8440, -23.5871, 5.3988 looks on a white background.

Color Contrast Check

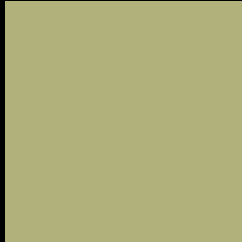
Large Text (above 18pt) WCAG AA × Fail

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 170.8440, -23.5871, 5.3988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

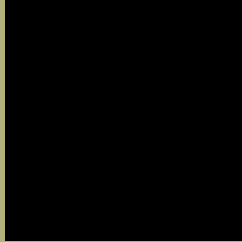
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 170.8440, -23.5871, 5.3988

Background



This preview shows how black text looks on a background with the YUV color 170.8440, -23.5871, 5.3988.



This preview shows how white text looks on a background with the YUV color 170.8440, -23.5871,

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

170.8440, -23.5871, 5.3988

Protanopia

172.2580, -24.7772, 13.8057

Deuteranopia

173.2860, -23.8050, 28.6902



Tritanopia

175.0810, 3.9041, 7.8220

Trichromacy



Original Color

170.8440, -23.5871, 5.3988

Protanomaly

171.6490, -24.4770, 10.8318

Deuteranomaly

172.2310, -23.7779, 19.9684

Tritanomaly

173.4370, -6.1314, 6.6328

Monochromacy



Original Color

170.8440, -23.5871, 5.3988

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

170.8340, -8.2992, 1.8996

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.8440, -23.5871, 5.3988 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(177, 177, 123)` looks like.

```
.text, #text, p{  
    color:rgb(177, 177, 123)  
}
```

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(177, 177, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 177, 123) }
```

Border

The CSS property to change the border of an element to YUV 170.8440, -23.5871, 5.3988 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(177, 177, 123) }
```


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

```
.border{ border-color:rgb(177, 177, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 177, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 177, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 177, 123);  
box-shadow:4px 4px 4px 4px rgb(177, 177,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 170.8440, -23.5871, 5.3988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 177, 123) }
```

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

```
.background{ background-color: rgb(177,  
177, 123) }
```

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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