

Converting Colors

YUV(171.7230, -36.8384,
9.0129)

Have a look what the booklet for
YUV(171.7230, -36.8384, 9.0129)
contains.

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Color

**YUV(171.7230, -36.8384,
9.0129)**

Conversions

Conversions Part 1

Format	Color
Hex	B6B561
RGB	182, 181, 97
RGB Percent	71%, 71%, 38%
CMY	0.2863, 0.2902, 0.6196
CMYK	0.00, 0.01, 0.47, 0.29
HSL	59°, 37%, 55%
HSV	59°, 47%, 71%
XYZ	37.9729, 43.8559, 17.7729
YIQ	171.7230, 27.5600, -25.9120

Conversions

Conversions Part 2

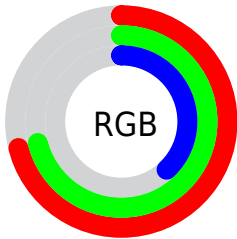
Format	Color
R _Y B	98, 182, 97
Decimal	11973985
CIE Lab	72.13, -11.62, 42.65
CIE LCh	72, 44.205, 105.246
Yxy	43.8559, 0.3812, 0.4403
Android (android.graphics.Color)	4290164065 (0xFFB6B561)
YUV	171.7230, -36.8384, 9.0129
Hunter-Lab	66.2238, -13.5391, 30.4446

Details

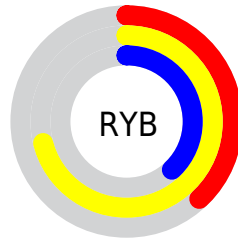
The YUV color $171.7230, -36.8384, 9.0129$ is a light color, and the websafe version is hex $CCCC66$. A complement of this color would be $107.2770, 36.8384, -9.0129$, and the grayscale version is $172.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $227.5660, -38.7330, 10.0276$, and $118.4670, -35.2332, 7.4834$ is the 20% darker color. If you saturate the color by 10%, you get $169.6710, -44.7008, 10.8125$, and if you desaturate by 10%, it is $173.7750, -28.9761, 7.2133$.

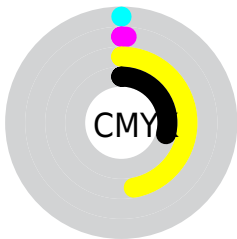
Distribution



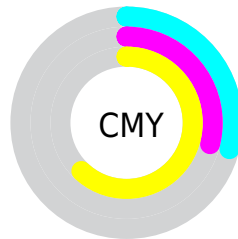
- Red (71%)
- Green (71%)
- Blue (38%)



- Red (38%)
- Yellow (71%)
- Blue (38%)



- Cyan (0%)
- Magenta (1%)
- Yellow (47%)
- Black (29%)



- Cyan (29%)
- Magenta (29%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.7230, -36.8384, 9.0129 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 171.7230, -36.8384, 9.0129 by changing the saturation by 10% instead.

■ 171.7230,
-36.8384, 9.0129

■ 171.7230,
-36.8384, 9.0129

255.0000, 0.0000,
0.0000

■ 144.6520,
-35.8174, 8.1982

■ 227.5660,
-38.7330, 10.0276

■ 118.4670,
-35.2332, 7.4834

■ 246.1080,
-34.0702, 7.7983

■ 93.0540, -35.5226,
6.9686

■ 249.1860,
-22.2767, 5.0989

■ 68.7980, -33.9174,
5.4392

■ 252.4920, -9.6096,
2.1995

■ 48.7080, -24.0130,
2.0101

■ 28.3190, -13.9613,
-2.0338

■ 8.2180, -4.0515,

-7.2072

■ 0.0000, 0.0000,
0.0000

■ 171.7230,
-36.8384, 9.0129

■ 171.7230,
-36.8384, 9.0129

■ 169.6710,
-44.7008, 10.8125

■ 173.7750,
-28.9761, 7.2133

■ 167.6190,
-52.5632, 12.6121

■ 175.8270,
-21.1137, 5.4137

■ 164.8660,
-60.5729, 15.0265

■ 178.5800,
-13.1039, 2.9993

■ 162.8140,
-68.4353, 16.8261

■ 180.6320, -5.2416,
1.1997

■ 160.7620,
-76.2977, 18.6257

■ 182.6840, 2.6208,
-0.5999

■ 160.0780,
-78.9185, 19.2256

■ 184.7360, 10.4832,
-2.3995

■ 186.7880, 18.3455,
-4.1991

■ 189.5410, 26.3553,
-6.6135

■ 190.9090, 31.5969,
-7.8132

Harmonies

Analogous

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



175.2690, -38.0936, 38.3521



171.7230, -36.8384, 9.0129



166.5320, -23.9263, -25.8996

Triad

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



171.7230, -36.8384, 9.0129



141.0270, 45.3427, -123.6807



181.3330, 8.7098, 53.2050

Complementary

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



171.7230, -36.8384, 9.0129



107.2770, 36.8384, -9.0129

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.



181.9020, 25.6843, 22.0109



171.7230, -36.8384, 9.0129



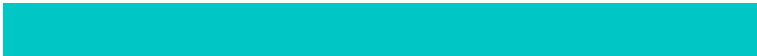
159.3560, 46.6595, -79.2422

Square

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



171.7230, -36.8384, 9.0129



138.6840, 28.7498, -121.6259



176.0580, 38.9184, -22.8529



179.3720, -10.5364, 66.3258

Rectangle

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



171.7230, -36.8384, 9.0129



160.8520, -9.2940, -52.4902



176.0580, 38.9184, -22.8529



181.7710, 14.4099, 44.9278

Sweetspot

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



171.7230, -36.8384, 9.0129



233.2380, -14.4143, 3.2993



122.5290, -12.0928, 52.1561



117.6060, -9.1728, 2.0995



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.



171.7230, -36.8384, 9.0129



221.2510, -57.8047, 13.8119



160.0510, -31.0841, -16.7077



90.9740, -3.9312, 0.8998



137.0420, -67.5617, 16.6262



24.8080, -12.2303, 2.7994

Inverse Universe

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



107.2770, 36.8384, -9.0129



120.3360, 57.5154, -14.3267



118.9490, 31.0841, 16.7077



84.0260, 3.9312, -0.8998



18.9580, 67.5617, -16.6262



3.1920, 12.2303, -2.7994

Previews

White Background



This preview shows how the YUV color 171.7230, -36.8384, 9.0129 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 171.7230, -36.8384, 9.0129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

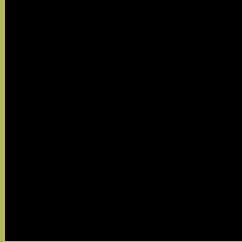
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 171.7230, -36.8384, 9.0129

Background



This preview shows how black text looks on a background with the YUV color 171.7230, -36.8384, 9.0129.



This preview shows how white text looks on a background with the YUV color 171.7230, -36.8384, 9.0129.

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

171.7230, -36.8384, 9.0129

Protanopia

173.1480, -38.0340, 19.1642

Deuteranopia

175.1870, -37.0672, 35.7930



Tritanopia

178.4620, 2.7302, 10.9958

Trichromacy



Original Color

171.7230, -36.8384, 9.0129

Protanomaly

172.2400, -37.5863, 15.5755

Deuteranomaly

173.8330, -36.8927, 26.4565

Tritanomaly

176.2650, -11.9626, 10.2916

Monochromacy



Original Color

171.7230, -36.8384, 9.0129

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.8790, -13.2513, 3.6141

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.7230, -36.8384, 9.0129 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(182, 181, 97)` looks like.

```
.text, #text, p{  
    color:rgb(182, 181, 97)  
}
```

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(182, 181, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 181, 97) }
```

Border

The CSS property to change the border of an element to YUV 171.7230, -36.8384, 9.0129 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(182, 181, 97) }
```


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

```
.border{ border-color:rgb(182, 181, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 181, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 181, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 181, 97);  
box-shadow:4px 4px 4px 4px rgb(182, 181,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 171.7230, -36.8384, 9.0129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 181, 97) }
```

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

```
.background{ background-color: rgb(182,  
181, 97) }
```

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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