

Converting Colors

YUV(171.8710, -21.1354,
12.3911)

Have a look what the booklet for
YUV(171.8710, -21.1354, 12.3911)
contains.

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Color

**YUV(171.8710, -21.1354,
12.3911)**

Conversions

Conversions Part 1

Format	Color
Hex	BAAD81
RGB	186, 173, 129
RGB Percent	73%, 68%, 51%
CMY	0.2706, 0.3216, 0.4941
CMYK	0.00, 0.07, 0.31, 0.27
HSL	46°, 29%, 62%
HSV	46°, 31%, 73%
XYZ	39.1557, 41.9112, 26.7948
YIQ	171.8710, 21.8720, -10.9280

Conversions

Conversions Part 2

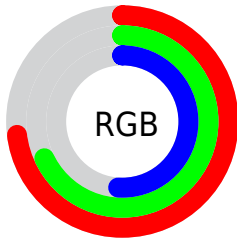
Format	Color
RYB	146, 186, 129
Decimal	12234113
CIELab	70.81, -2.14, 24.34
CIELCh	71, 24.434, 95.025
Yxy	41.9112, 0.3630, 0.3886
Android (android.graphics.Color)	4290424193 (0xFFBAAD81)
YUV	171.8710, -21.1354, 12.3911
Hunter-Lab	64.7389, -5.3317, 20.7776

Details

The YUV color **171.8710, -21.1354, 12.3911** is a light color, and the websafe version is hex **999966**. A complement of this color would be **143.1290, 21.1354, -12.3911**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.2410, -22.3038, 13.8206**, and **119.5010, -19.9670, 10.9616** is the 20% darker color. If you saturate the color by 10%, you get **167.3570, -28.2770, 16.3499**, and if you desaturate by 10%, it is **176.3850, -13.9938, 8.4324**.

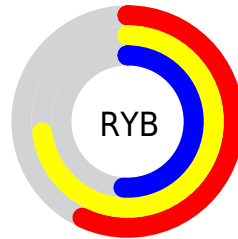
Distribution



Red (73%)

Green (68%)

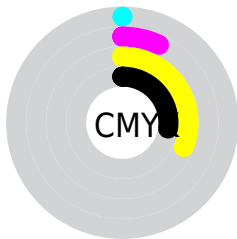
Blue (51%)



Red (57%)

Yellow (73%)

Blue (51%)

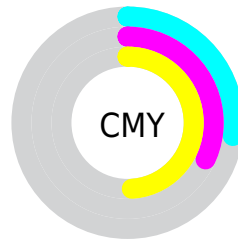


Cyan (0%)

Magenta (7%)

Yellow (31%)

Black (27%)



Cyan (27%)

Magenta (32%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.8710, -21.1354, 12.3911 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 171.8710, -21.1354, 12.3911 by changing the saturation by 10% instead.

■ 171.8710,
-21.1354, 12.3911

■ 171.8710,
-21.1354, 12.3911

255.0000, 0.0000,
0.0000

■ 145.0990,
-20.2618, 12.1912

■ 227.2410,
-22.3038, 13.8206

■ 119.5010,
-19.9670, 10.9616

■ 249.8700,
-19.6559, 4.4990

■ 94.4300, -18.9460,
10.1469

■ 253.0620, -7.4256,
1.6996

■ 70.3590, -17.9250,
9.3322

■ 47.7610, -17.6302,
8.1026

■ 27.4880, -13.5516,
6.5880

■ 2.3480, -1.1576,

-2.0592

■ 0.0000, 0.0000,
0.0000

■ 171.8710,
-21.1354, 12.3911

■ 171.8710,
-21.1354, 12.3911

■ 167.3570,
-28.2770, 16.3499

■ 176.3850,
-13.9938, 8.4324

■ 162.9570,
-34.9818, 20.2087

■ 180.7850, -7.2890,
4.5736

■ 157.8560,
-41.8340, 24.6823

■ 185.8860, -0.4368,
0.1000

■ 153.4560,
-48.5388, 28.5411

■ 190.2860, 6.2680,
-3.7588

■ 148.9420,
-55.6804, 32.4999

■ 194.8000, 13.4096,
-7.7176

■ 144.4280,
-62.8220, 36.4586

■ 199.3140, 20.5512,
-11.6764

■ 140.1420,
-69.0900, 40.2175

■ 203.8450, 25.2194,
-15.6501

■ 206.1930, 24.0619,
-17.7093

■ 208.5410, 22.9043,
-19.7685

Harmonies

Analogous

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



174.3120, -19.8738, 27.7904



171.8710, -21.1354, 12.3911



169.6020, -16.5658, -6.6670

Triad

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



171.8710, -21.1354, 12.3911



163.7580, 16.8813, -48.0228



177.1030, 7.3442, 24.4657

Complementary

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



171.8710, -21.1354, 12.3911



143.1290, 21.1354, -12.3911

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.



175.8000, 16.8606, 5.4374



171.8710, -21.1354, 12.3911



167.3060, 22.5271, -38.8564

Square

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



171.8710, -21.1354, 12.3911



163.9300, 5.9505, -42.0346



172.0250, 22.1727, -18.4389



176.4220, -3.1660, 35.5869

Rectangle

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



171.8710, -21.1354, 12.3911



167.2350, -9.9759, -20.3771



172.0250, 22.1727, -18.4389



176.9820, 10.8549, 18.4328

Sweetspot

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



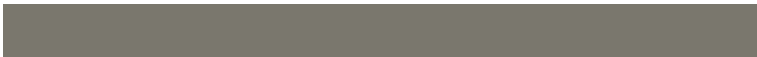
171.8710, -21.1354, 12.3911



236.5570, -8.1626, 4.7735



147.5250, -2.7238, 33.7426



118.7570, -4.8102, 2.8441



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.



171.8710, -21.1354, 12.3911



220.1140, -33.0872, 19.1940



175.0170, -22.6864, -3.5229



89.8000, -3.3524, 1.9294



117.0840, -57.7224, 34.1293



21.2860, -10.4940, 5.8882

Inverse Universe

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



143.1290, 21.1354, -12.3911



174.8860, 33.0872, -19.1940



139.9830, 22.6864, 3.5229



85.2000, 3.3524, -1.9294



38.3290, 58.0118, -33.6145



6.7140, 10.4940, -5.8882

Previews

White Background



This preview shows how the YUV color 171.8710, -21.1354, 12.3911 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 171.8710, -21.1354, 12.3911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

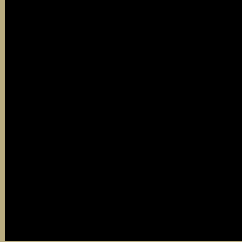
Any Text WCAG AA ✓ Pass

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 171.8710, -21.1354, 12.3911 Background



This preview shows how black text looks on a background with the YUV color 171.8710, -21.1354, 12.3911.



This preview shows how white text looks on a background with the YUV color 171.8710, -21.1354, 12.3911.

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

171.8710, -21.1354, 12.3911

Protanopia

171.8710, -21.1354, 12.3911

Deuteranopia

173.2580, -21.3262, 26.9607



Tritanopia

175.2560, 1.8458, 14.6845

Trichromacy



Original Color

171.8710, -21.1354, 12.3911

Protanomaly

171.8710, -21.1354, 12.3911

Deuteranomaly

172.9260, -21.1625, 21.1129

Tritanomaly

174.3670, -6.5899, 13.7101

Monochromacy



Original Color

171.8710, -21.1354, 12.3911

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.6710, -7.7258, 4.6735

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.8710, -21.1354, 12.3911 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(186, 173, 129)` looks like.

```
.text, #text, p{  
    color:rgb(186, 173, 129)  
}
```

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(186, 173, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 173, 129) }
```

Border

The CSS property to change the border of an element to YUV 171.8710, -21.1354, 12.3911 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(186, 173, 129) }
```


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

```
.border{ border-color:rgb(186, 173, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 173, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 173, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 173, 129);  
box-shadow:4px 4px 4px 4px rgb(186, 173,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 171.8710, -21.1354, 12.3911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 173, 129) }
```

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

```
.background{ background-color: rgb(186,  
173, 129) }
```

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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