

Converting Colors

YUV(170.1460, -31.6240,
16.5350)

Have a look what the booklet for
YUV(170.1460, -31.6240, 16.5350)
contains.

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Color

**YUV(170.1460, -31.6240,
16.5350)**

Conversions

Conversions Part 1

Format	Color
Hex	BDAD6A
RGB	189, 173, 106
RGB Percent	74%, 68%, 42%
CMY	0.2588, 0.3216, 0.5843
CMYK	0.00, 0.08, 0.44, 0.26
HSL	48°, 39%, 58%
HSV	48°, 44%, 74%
XYZ	38.5314, 41.7466, 19.6627
YIQ	170.1460, 31.0430, -17.4450

Conversions

Conversions Part 2

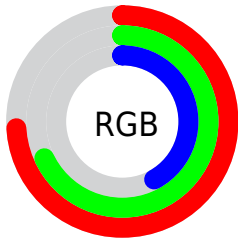
Format	Color
RYB	126, 189, 106
Decimal	12430698
CIELab	70.70, -3.64, 36.43
CIELCh	71, 36.610, 95.702
Yxy	41.7466, 0.3855, 0.4177
Android (android.graphics.Color)	4290620778 (0xFFBDAD6A)
YUV	170.1460, -31.6240, 16.5350
Hunter-Lab	64.6116, -6.6211, 27.1848

Details

The YUV color **170.1460, -31.6240, 16.5350** is a light color, and the websafe version is hex **999966**. A complement of this color would be **124.8540, 31.6240, -16.5350**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.7010, -33.3766, 18.6792**, and **117.5910, -29.8714, 14.3907** is the 20% darker color. If you saturate the color by 10%, you get **165.6320, -38.7656, 20.4937**, and if you desaturate by 10%, it is **174.6600, -24.4824, 12.5762**.

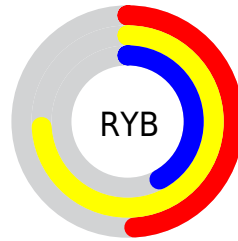
Distribution



Red (74%)

Green (68%)

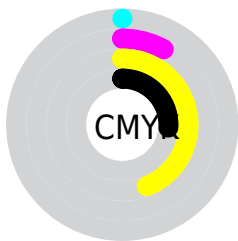
Blue (42%)



Red (49%)

Yellow (74%)

Blue (42%)

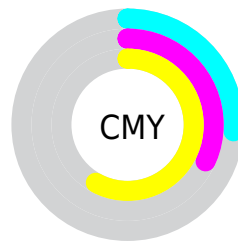


Cyan (0%)

Magenta (8%)

Yellow (44%)

Black (26%)



Cyan (26%)

Magenta (32%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.1460, -31.6240, 16.5350 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 170.1460, -31.6240, 16.5350 by changing the saturation by 10% instead.

■ 170.1460,
-31.6240, 16.5350

■ 170.1460,
-31.6240, 16.5350

255.0000, 0.0000,
0.0000

■ 143.6620,
-30.8924, 15.2054

■ 225.7010,
-33.3766, 18.6792

■ 117.5910,
-29.8714, 14.3907

■ 247.1340,
-30.1391, 6.8985

■ 92.4060, -29.2872,
13.6759

■ 250.3260,
-17.9087, 4.0991

■ 68.2810, -29.7185,
12.0316

■ 253.5180, -5.6784,
1.2997

■ 46.6920, -23.0192,
9.9171

■ 27.4770, -13.5462,
4.8437

■ 2.9350, -1.4470,

-2.5740

■ 0.0000, 0.0000,
0.0000

■ 170.1460,
-31.6240, 16.5350

■ 170.1460,
-31.6240, 16.5350

■ 165.6320,
-38.7656, 20.4937

■ 174.6600,
-24.4824, 12.5762

■ 161.7050,
-46.1966, 23.9377

■ 178.5870,
-17.0514, 9.1322

■ 157.1910,
-53.3382, 27.8965

■ 183.1010, -9.9098,
5.1734

■ 152.6770,
-60.4798, 31.8553

■ 187.6150, -2.7682,
1.2146

■ 148.8640,
-67.4740, 35.1993

■ 191.5420, 4.6628,
-2.2293

■ 146.3220,
-72.1367, 37.4286

■ 195.9420, 11.3676,
-6.0881

■ 200.4560, 18.5092,
-10.0469

■ 204.1550, 25.0666,
-13.2909

■ 206.5030, 23.9090,
-15.3501

Harmonies

Analogous

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



173.1580, -29.6579, 39.3264



170.1460, -31.6240, 16.5350



166.0330, -23.6803, -11.4299

Triad

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



170.1460, -31.6240, 16.5350



147.2560, 31.4258, -93.1865



177.3310, 11.6688, 37.4207

Complementary

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



170.1460, -31.6240, 16.5350



124.8540, 31.6240, -16.5350

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.



176.2870, 25.0015, 7.6413



170.1460, -31.6240, 16.5350



158.4900, 36.7334, -68.8357

Square

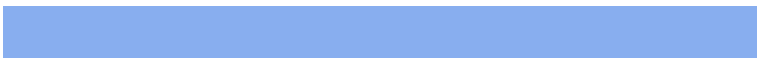
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



170.1460, -31.6240, 16.5350



153.0400, 12.3053, -73.7031



170.0480, 33.9933, -29.8601



176.3040, -4.0939, 53.2304

Rectangle

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



170.1460, -31.6240, 16.5350



163.0180, -14.3059, -31.5878



170.0480, 33.9933, -29.8601



177.5410, 16.4953, 29.3435

Sweetspot

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



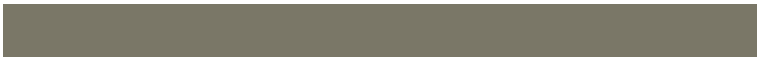
170.1460, -31.6240, 16.5350



237.8300, -12.2412, 6.2881



132.7550, -4.8092, 49.3269



118.0730, -7.4310, 3.4440



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.



170.1460, -31.6240, 16.5350



215.5050, -49.5490, 25.8671



172.0630, -32.5691, -7.0713



92.3870, -3.6418, 1.4146



122.3780, -60.3324, 31.2405



23.9440, -11.8044, 6.1881

Inverse Universe

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



124.8540, 31.6240, -16.5350



144.4950, 49.5490, -25.8671



122.9370, 32.5691, 7.0713



87.2000, 3.3524, -1.9294



35.6220, 60.3324, -31.2405



7.0560, 11.8044, -6.1881

Previews

White Background



This preview shows how the YUV color 170.1460, -31.6240, 16.5350 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 170.1460, -31.6240, 16.5350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

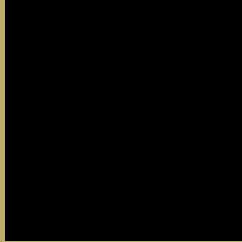
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 170.1460, -31.6240, 16.5350

Background



This preview shows how black text looks on a background with the YUV color 170.1460, -31.6240, 16.5350.



This preview shows how white text looks on a background with the YUV color 170.1460, -31.6240, 16.5350.

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

170.1460, -31.6240, 16.5350

Protanopia

170.1460, -31.6240, 16.5350

Deuteranopia

171.6580, -31.3834, 32.7489



Tritanopia

175.0500, 0.9613, 18.3731

Trichromacy



Original Color

170.1460, -31.6240, 16.5350

Protanomaly

170.1460, -31.6240, 16.5350

Deuteranomaly

171.2120, -31.6565, 27.0011

Tritanomaly

172.9500, -10.8213, 17.5839

Monochromacy



Original Color

170.1460, -31.6240, 16.5350

Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

170.0580, -11.3676, 6.0881

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.1460, -31.6240, 16.5350 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(189, 173, 106)` looks like.

```
.text, #text, p{  
    color:rgb(189, 173, 106)  
}
```

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(189, 173, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 173, 106) }
```

Border

The CSS property to change the border of an element to YUV 170.1460, -31.6240, 16.5350 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(189, 173, 106) }
```


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

```
.border{ border-color:rgb(189, 173, 106) }
```

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

Here you see how a box with a 4 pixel rgb(189, 173, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 173, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 173, 106);  
box-shadow:4px 4px 4px 4px rgb(189, 173,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 170.1460, -31.6240, 16.5350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 173, 106) }
```

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

```
.background{ background-color: rgb(189,  
173, 106) }
```

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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