

Converting Colors

YUV(170.5560, -60.4201,
12.6674)

Have a look what the booklet for
YUV(170.5560, -60.4201, 12.6674)
contains.

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Color

**YUV(170.5560, -60.4201,
12.6674)**

Conversions

Conversions Part 1

Format	Color
Hex	B9BB30
RGB	185, 187, 48
RGB Percent	73%, 73%, 19%
CMY	0.2745, 0.2667, 0.8118
CMYK	0.01, 0.00, 0.74, 0.27
HSL	61°, 59%, 46%
HSV	61°, 74%, 73%
XYZ	38.3114, 46.0683, 9.6692
YIQ	170.5560, 43.4270, -43.6530

Conversions

Conversions Part 2

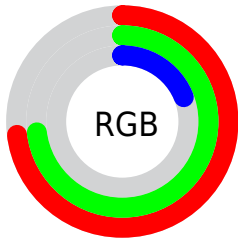
Format	Color
RYB	48, 187, 50
Decimal	12172080
CIELab	73.59, -16.82, 65.24
CIELCh	74, 67.369, 104.456
Yxy	46.0683, 0.4074, 0.4898
Android (android.graphics.Color)	4290362160 (0xFFB9BB30)
YUV	170.5560, -60.4201, 12.6674
Hunter-Lab	67.8737, -18.0243, 39.0652

Details

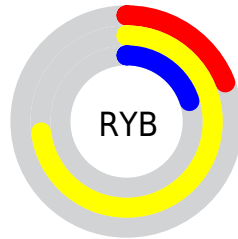
The YUV color **170.5560, -60.4201, 12.6674** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **64.4440, 60.4201, -12.6674**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.5670, -60.4255, 14.4117**, and **116.9300, -57.6465, 9.7084** is the 20% darker color. If you saturate the color by 10%, you get **168.3900, -68.7193, 14.5670**, and if you desaturate by 10%, it is **172.7220, -52.1209, 10.7678**.

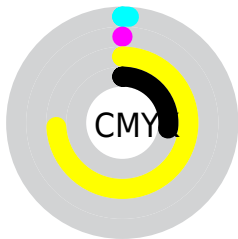
Distribution



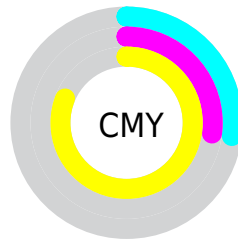
- Red (73%)
- Green (73%)
- Blue (19%)



- Red (19%)
- Yellow (73%)
- Blue (20%)



- Cyan (1%)
- Magenta (0%)
- Yellow (74%)
- Black (27%)



- Cyan (27%)
- Magenta (27%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.5560, -60.4201, 12.6674 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 170.5560, -60.4201, 12.6674 by changing the saturation by 10% instead.

■ 170.5560,
-60.4201, 12.6674

■ 170.5560,
-60.4201, 12.6674

■ 255.0000, 0.0000,
0.0000

■ 141.4760,
-65.8037, 12.7375

■ 227.5670,
-60.4255, 14.4117

■ 116.9300,
-57.6465, 9.7084

■ 240.9780,
-53.7262, 12.2973

■ 94.1820, -46.4317,
5.9794

■ 244.1700,
-41.4958, 9.4979

■ 72.0210, -35.5064,
1.7356

■ 247.4760,
-28.8287, 6.5985

■ 50.4470, -24.8704,
-3.0230

■ 250.6680,
-16.5983, 3.7992

■ 30.0580, -14.8186,
-7.0669

■ 254.0880, -3.4944,

■ 12.3270, -6.0772,

0.7998

-10.8108

■ 0.0000, 0.0000,
0.0000

■ 170.5560,
-60.4201, 12.6674

■ 170.5560,
-60.4201, 12.6674

■ 168.3900,
-68.7193, 14.5670

■ 172.7220,
-52.1209, 10.7678

■ 166.0390,
-76.4342, 15.7518

■ 175.0730,
-44.4060, 9.5830

■ 164.7850,
-81.2390, 16.8516

■ 177.2390,
-36.1068, 7.6834

■ 179.4050,
-27.8077, 5.7838

■ 181.5710,
-19.5085, 3.8842

■ 183.9220,
-11.7935, 2.6994

■ 186.0880, -3.4944,
0.7998

■ 188.2540, 4.8048,
-1.0998

■ 190.3060, 12.6671,
-2.8994

Harmonies

Analogous

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



175.3580, -59.8295, 56.6910



170.5560, -60.4201, 12.6674



162.2900, -37.1180, -41.4733

Triad

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



170.5560, -60.4201, 12.6674



150.5790, 51.4796, -132.0578



176.0050, 19.7175, 69.2786

Complementary

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



170.5560, -60.4201, 12.6674



64.4440, 60.4201, -12.6674

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.



184.0850, 34.9611, 33.2515



170.5560, -60.4201, 12.6674



144.7090, 54.3735, -126.9098

Square

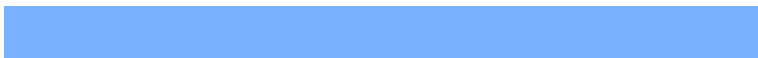
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



170.5560, -60.4201, 12.6674



147.7970, 30.6661, -129.6180



168.5500, 42.6199, -43.4553



166.4750, -6.6432, 77.6364

Rectangle

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



170.5560, -60.4201, 12.6674



141.7390, -8.2523, -106.7651



168.5500, 42.6199, -43.4553



182.2800, 25.9910, 63.7754

Sweetspot

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



170.5560, -60.4201, 12.6674



235.6590, -23.0029, 4.6841



89.5610, -20.4896, 85.4540



118.4660, -13.5407, 3.0993



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.



170.5560, -60.4201, 12.6674



216.5930, -93.4693, 19.6509



150.5230, -50.5438, -28.5227



92.9740, -3.9312, 0.8998



139.3900, -68.7193, 14.5670



27.1670, -13.3933, 2.4845

Inverse Universe

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



64.4440, 60.4201, -12.6674



52.4070, 93.4693, -19.6509



84.7760, 50.3964, 29.1374



86.0260, 3.9312, -0.8998



18.6100, 68.7193, -14.5670



3.5340, 13.5407, -3.0993

Previews

White Background



This preview shows how the YUV color 170.5560, -60.4201, 12.6674 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 170.5560, -60.4201, 12.6674 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 170.5560, -60.4201, 12.6674 Background



This preview shows how black text looks on a background with the YUV color 170.5560, -60.4201, 12.6674.



This preview shows how white text looks on a background with the YUV color 170.5560, -60.4201, 12.6674.

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

170.5560, -60.4201, 12.6674

Protanopia

172.1880, -62.2107, 27.0221

Deuteranopia

174.2210, -58.7760, 45.4102



Tritanopia

182.4730, 2.7248, 12.7402

Trichromacy



Original Color

170.5560, -60.4201, 12.6674

Protanomaly

171.3830, -61.3208, 21.5891

Deuteranomaly

172.9160, -59.6116, 33.3997

Tritanomaly

178.3980, -20.4092, 12.8060

Monochromacy



Original Color

170.5560, -60.4201, 12.6674

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

170.8870, -22.1293, 4.4841

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.5560, -60.4201, 12.6674 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(185, 187, 48)` looks like.

```
.text, #text, p{  
    color:rgb(185, 187, 48)  
}
```

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(185, 187, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 187, 48) }
```

Border

The CSS property to change the border of an element to YUV 170.5560, -60.4201, 12.6674 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(185, 187, 48) }
```


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

```
.border{ border-color:rgb(185, 187, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 187, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 187, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 187, 48);  
box-shadow:4px 4px 4px 4px rgb(185, 187,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 170.5560, -60.4201, 12.6674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 187, 48) }
```

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

```
.background{ background-color: rgb(185,  
187, 48) }
```

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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