

Converting Colors

YUV(180.2770, -50.4226,
26.0671)

Have a look what the booklet for
YUV(180.2770, -50.4226, 26.0671)
contains.

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Color

**YUV(180.2770, -50.4226,
26.0671)**

Conversions

Conversions Part 1

Format	Color
Hex	D2B94E
RGB	210, 185, 78
RGB Percent	82%, 73%, 31%
CMY	0.1765, 0.2745, 0.6941
CMYK	0.00, 0.12, 0.63, 0.18
HSL	49°, 59%, 56%
HSV	49°, 63%, 82%
XYZ	45.3025, 48.9496, 14.2683
YIQ	180.2770, 49.2470, -27.9770

Conversions

Conversions Part 2

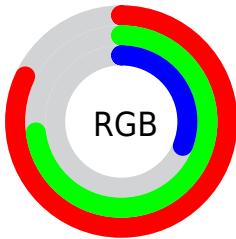
Format	Color
RYB	109, 210, 78
Decimal	13809998
CIELab	75.42, -3.48, 56.03
CIElCh	75, 56.143, 93.556
Yxy	48.9496, 0.4175, 0.4511
Android (android.graphics.Color)	4292000078 (0xFFD2B94E)
YUV	180.2770, -50.4226, 26.0671
Hunter-Lab	69.9640, -6.8563, 36.8834

Details

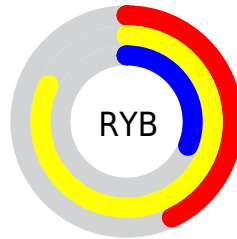
The YUV color **180.2770, -50.4226, 26.0671** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **107.7230, 50.4226, -26.0671**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.6460, -50.1115, 19.6045**, and **125.4400, -50.9959, 23.2931** is the 20% darker color. If you saturate the color by 10%, you get **175.5350, -58.4378, 30.2258**, and if you desaturate by 10%, it is **185.0190, -42.4074, 21.9083**.

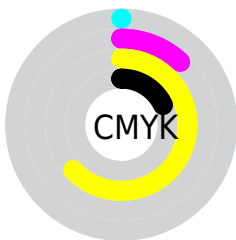
Distribution



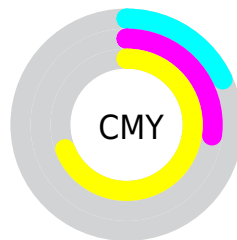
- Red (82%)
- Green (73%)
- Blue (31%)



- Red (43%)
- Yellow (82%)
- Blue (31%)



- Cyan (0%)
- Magenta (12%)
- Yellow (63%)
- Black (18%)



- Cyan (18%)
- Magenta (27%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.2770, -50.4226, 26.0671 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 180.2770, -50.4226, 26.0671 by changing the saturation by 10% instead.

■ 180.2770,
-50.4226, 26.0671

■ 180.2770,
-50.4226, 26.0671

■ 255.0000, 0.0000,
0.0000

■ 152.6790,
-50.1277, 24.8375

■ 232.6460,
-50.1115, 19.6045

■ 125.4400,
-50.9959, 23.2931

■ 243.9420,
-42.3694, 9.6979

■ 99.8850, -49.2433,
21.1489

■ 247.1340,
-30.1391, 6.8985

■ 77.7240, -38.3179,
16.9051

■ 250.4400,
-17.4719, 3.9991

■ 56.4490, -27.8294,
12.7612

■ 253.7460, -4.8048,
1.0998

■ 36.3480, -17.9196,
7.5878

■ 16.8340, -8.2992,

1.8996

■ 0.0000, 0.0000,
0.0000

■ 180.2770,
-50.4226, 26.0671

■ 180.2770,
-50.4226, 26.0671

■ 175.5350,
-58.4378, 30.2258

■ 185.0190,
-42.4074, 21.9083

■ 170.7930,
-66.4529, 34.3845

■ 189.7610,
-34.3922, 17.7496

■ 166.0510,
-74.4681, 38.5433

■ 194.5030,
-26.3770, 13.5909

■ 162.5800,
-80.1519, 41.5873

■ 199.2450,
-18.3618, 9.4321

■ 203.9870,
-10.3466, 5.2734

■ 208.7290, -2.3314,
1.1147

■ 213.4710, 5.6838,
-3.0441

■ 218.2130, 13.6990,
-7.2028

■ 221.5870, 16.4726,
-10.1618

Harmonies

Analogous

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



183.3920, -44.5633, 60.1692



180.2770, -50.4226, 26.0671



174.4010, -38.6517, -16.1377

Triad

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



180.2770, -50.4226, 26.0671



150.8580, 44.9330, -132.3025



190.8570, 20.7765, 56.2534

Complementary

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



180.2770, -50.4226, 26.0671



107.7230, 50.4226, -26.0671

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.



187.7630, 33.1478, 8.1008



180.2770, -50.4226, 26.0671



148.2310, 52.6371, -129.9986

Square

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



180.2770, -50.4226, 26.0671



146.2180, 22.0775, -128.2332



170.5110, 41.6531, -60.0841



179.7600, 1.1043, 65.9855

Rectangle

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



180.2770, -50.4226, 26.0671



168.6170, -22.9822, -48.7761



170.5110, 41.6531, -60.0841



191.3050, 27.9506, 41.8285

Sweetspot

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



180.2770, -50.4226, 26.0671



244.2450, -18.3618, 9.4321



120.4320, -8.1010, 78.5511



121.0580, -11.3676, 6.0881



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



180.2770, -50.4226, 26.0671



212.0940, -73.0103, 37.6286



182.9920, -51.7611, -11.3940



102.5720, -4.2260, 2.1294



130.0640, -64.1216, 33.2699



31.6300, -15.5936, 8.2175

Inverse Universe

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



107.7230, 50.4226, -26.0671



106.9060, 73.0103, -37.6286



105.0080, 51.7611, 11.3940



96.4280, 4.2260, -2.1294



37.9360, 64.1216, -33.2699



9.3700, 15.5936, -8.2175

Previews

White Background



This preview shows how the YUV color 180.2770, -50.4226, 26.0671 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 180.2770, -50.4226, 26.0671 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 180.2770, -50.4226, 26.0671

Background



This preview shows how black text looks on a background with the YUV color 180.2770, -50.4226, 26.0671.

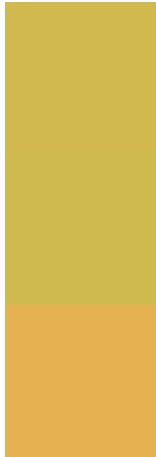


This preview shows how white text looks on a background with the YUV color 180.2770, -50.4226, 26.0671.

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

180.2770, -50.4226, 26.0671

Protanopia

179.9670, -50.2697, 23.7079

Deuteranopia

181.7890, -50.1820, 42.2810



Tritanopia

188.9370, -0.9549, 26.3653

Trichromacy



Original Color

180.2770, -50.4226, 26.0671

Protanomaly

180.2660, -50.4171, 24.3227

Deuteranomaly

181.3430, -50.4551, 36.5332

Tritanomaly

185.8280, -19.1422, 26.4608

Monochromacy



Original Color

180.2770, -50.4226, 26.0671

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

180.2450, -18.3618, 9.4321

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.2770, -50.4226, 26.0671 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(210, 185, 78)` looks like.

```
.text, #text, p{  
    color:rgb(210, 185, 78)  
}
```

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(210, 185, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 185, 78) }
```

Border

The CSS property to change the border of an element to YUV 180.2770, -50.4226, 26.0671 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(210, 185, 78) }
```


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

```
.border{ border-color:rgb(210, 185, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 185, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 185, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 185, 78);  
box-shadow:4px 4px 4px 4px rgb(210, 185,  
78) }
```

Background

The CSS property to change the background color of an element to YUV 180.2770, -50.4226, 26.0671 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 185, 78) }
```

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

```
.background{ background-color: rgb(210,  
185, 78) }
```

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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