

Converting Colors

YUV(176.0370, -66.5732,
26.2776)

Have a look what the booklet for
YUV(176.0370, -66.5732, 26.2776)
contains.

YUV(176.0370, -66.5732, 26.2776)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(176.0370, -66.5732,
26.2776)**

Conversions

Conversions Part 1

Format	Color
Hex	CEBB29
RGB	206, 187, 41
RGB Percent	81%, 73%, 16%
CMY	0.1922, 0.2667, 0.8392
CMYK	0.00, 0.09, 0.80, 0.19
HSL	53°, 67%, 48%
HSV	53°, 80%, 81%
XYZ	43.6242, 48.8226, 9.2223
YIQ	176.0370, 58.1900, -41.3780

Conversions

Conversions Part 2

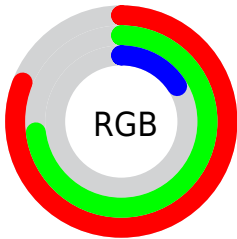
Format	Color
RYB	62, 206, 41
Decimal	13548329
CIELab	75.34, -8.03, 69.65
CIELCh	75, 70.112, 96.573
Yxy	48.8226, 0.4291, 0.4802
Android (android.graphics.Color)	4291738409 (0xFFCEBB29)
YUV	176.0370, -66.5732, 26.2776
Hunter-Lab	69.8731, -10.8344, 41.0857

Details

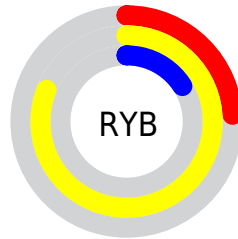
The YUV color **176.0370, -66.5732, 26.2776** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle muted orange. A complement of this color would be **70.9630, 66.5732, -26.2776**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.2860, -64.2310, 21.6742**, and **122.9100, -60.5946, 22.0039** is the 20% darker color. If you saturate the color by 10%, you get **172.4690, -75.1672, 29.4067**, and if you desaturate by 10%, it is **179.6050, -57.9793, 23.1484**.

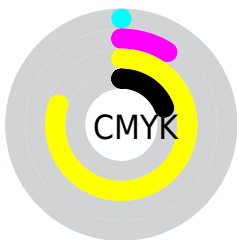
Distribution



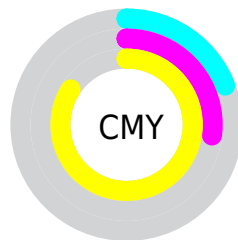
- Red (81%)
- Green (73%)
- Blue (16%)



- Red (24%)
- Yellow (81%)
- Blue (16%)



- Cyan (0%)
- Magenta (9%)
- Yellow (80%)
- Black (19%)



- Cyan (19%)
- Magenta (27%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.0370, -66.5732, 26.2776 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 176.0370, -66.5732, 26.2776 by changing the saturation by 10% instead.

■ 176.0370,
-66.5732, 26.2776

■ 176.0370,
-66.5732, 26.2776

■ 255.0000, 0.0000,
0.0000

■ 146.5440,
-72.2462, 25.8329

■ 230.2860,
-64.2310, 21.6742

■ 122.9100,
-60.5946, 22.0039

■ 240.5220,
-55.4733, 12.6972

■ 99.5640, -49.0851,
17.0454

■ 243.7140,
-43.2430, 9.8978

■ 77.1040, -38.0123,
12.1868

■ 246.9060,
-31.0127, 7.0984

■ 55.5300, -27.3763,
7.4282

■ 250.2120,
-18.3455, 4.1991

■ 35.7280, -17.6139,
2.8695

■ 253.6320, -5.2416,

■ 15.0180, -7.4039,

1.1997

-5.2778

■ 0.0000, 0.0000,
0.0000

■ 176.0370,
-66.5732, 26.2776

■ 176.0370,
-66.5732, 26.2776

■ 172.4690,
-75.1672, 29.4067

■ 179.6050,
-57.9793, 23.1484

■ 168.4280,
-83.0350, 32.9506

■ 183.6460,
-50.1115, 19.6045

■ 187.2140,
-41.5175, 16.4753

■ 190.6680,
-33.3603, 13.4462

■ 194.8230,
-25.0557, 9.8022

■ 198.3910,
-16.4618, 6.6731

■ 202.4320, -8.5940,
3.1291

■ 206.0000, 0.0000,
0.0000

■ 209.4540, 8.1572,
-3.0292

Harmonies

Analogous

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



178.9940, -57.6780, 66.6573



176.0370, -66.5732, 26.2776



169.4460, -47.0549, -27.5781

Triad

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



176.0370, -66.5732, 26.2776



155.2750, 49.1644, -136.1762



182.6220, 27.3014, 63.4755

Complementary

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



176.0370, -66.5732, 26.2776



70.9630, 66.5732, -26.2776

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.



186.0570, 33.9889, 18.3670



176.0370, -66.5732, 26.2776



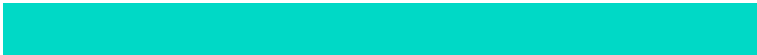
149.9920, 51.7689, -131.5430

Square

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



176.0370, -66.5732, 26.2776



149.9510, 23.6882, -131.5070



158.5620, 47.5439, -82.9309



168.8690, 2.5296, 75.5369

Rectangle

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



176.0370, -66.5732, 26.2776



157.1530, -22.7534, -75.5562



158.5620, 47.5439, -82.9309



189.8430, 32.1224, 57.1427

Sweetspot

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



176.0370, -66.5732, 26.2776



243.9370, -24.6189, 9.7023



92.5010, -16.0230, 99.5386



120.8470, -14.7146, 6.2732



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.



176.0370, -66.5732, 26.2776



210.6340, -98.9126, 38.9090



168.3530, -62.7850, -22.2346



100.2730, -4.0786, 1.5146



135.9230, -67.0100, 26.3775



31.3200, -15.4408, 5.8584

Inverse Universe

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



70.9630, 66.5732, -26.2776



54.3660, 98.9126, -38.9090



78.6470, 62.7850, 22.2346



93.7270, 4.0786, -1.5146



30.0770, 67.0100, -26.3775



6.6800, 15.4408, -5.8584

Previews

White Background



This preview shows how the YUV color 176.0370, -66.5732, 26.2776 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 176.0370, -66.5732, 26.2776 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 176.0370, -66.5732, 26.2776

Background



This preview shows how black text looks on a background with the YUV color 176.0370, -66.5732, 26.2776.



This preview shows how white text looks on a background with the YUV color 176.0370, -66.5732, 26.2776.

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

176.0370, -66.5732, 26.2776

Protanopia

176.3470, -66.7261, 28.6367

Deuteranopia

178.3370, -64.7491, 47.9395



Tritanopia

188.4530, -0.2233, 25.0357

Trichromacy



Original Color

176.0370, -66.5732, 26.2776

Protanomaly

176.0480, -66.5787, 28.0219

Deuteranomaly

177.4670, -65.3062, 39.9324

Tritanomaly

184.1500, -24.2309, 25.3015

Monochromacy



Original Color

176.0370, -66.5732, 26.2776

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

176.0510, -24.1821, 9.6023

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.0370, -66.5732, 26.2776 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(206, 187, 41)` looks like.

```
.text, #text, p{  
    color:rgb(206, 187, 41)  
}
```

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(206, 187, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 187, 41) }
```

Border

The CSS property to change the border of an element to YUV 176.0370, -66.5732, 26.2776 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(206, 187, 41) }
```


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

```
.border{ border-color:rgb(206, 187, 41) }
```

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

Here you see how a box with a 4 pixel rgb(206, 187, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 187, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 187, 41);  
box-shadow:4px 4px 4px 4px rgb(206, 187,  
41) }
```

Background

The CSS property to change the background color of an element to YUV 176.0370, -66.5732, 26.2776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 187, 41) }
```

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

```
.background{ background-color: rgb(206,  
187, 41) }
```

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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