

Converting Colors

YUV(175.2760, -62.2541,
40.9769)

Have a look what the booklet for
YUV(175.2760, -62.2541, 40.9769)
contains.

YUV(175.2760, -62.2541, 40.9769)	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(175.2760, -62.2541,
40.9769)**

Conversions

Conversions Part 1

Format	Color
Hex	DEB031
RGB	222, 176, 49
RGB Percent	87%, 69%, 19%
CMY	0.1294, 0.3098, 0.8078
CMYK	0.00, 0.21, 0.78, 0.13
HSL	44°, 72%, 53%
HSV	44°, 78%, 87%
XYZ	46.2039, 46.8020, 9.5042
YIQ	175.2760, 68.1830, -29.7450

Conversions

Conversions Part 2

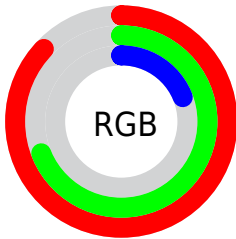
Format	Color
RYB	112, 222, 49
Decimal	14594097
CIELab	74.06, 4.94, 66.56
CIELCh	74, 66.745, 85.755
Yxy	46.8020, 0.4507, 0.4566
Android (android.graphics.Color)	4292784177 (0xFFDEB031)
YUV	175.2760, -62.2541, 40.9769
Hunter-Lab	68.4120, 0.8339, 39.6515

Details

The YUV color **175.2760, -62.2541, 40.9769** is a light color, and the websafe version is hex **CC9900**. The color can be described as light muted orange. A complement of this color would be **95.7240, 62.2541, -40.9769**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.8120, -58.5743, 27.3519**, and **121.2260, -59.7644, 35.7588** is the 20% darker color. If you saturate the color by 10%, you get **169.2460, -70.1273, 46.2653**, and if you desaturate by 10%, it is **181.3060, -54.3809, 35.6886**.

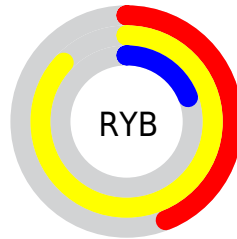
Distribution



Red (87%)

Green (69%)

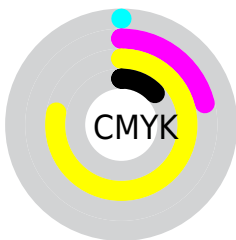
Blue (19%)



Red (44%)

Yellow (87%)

Blue (19%)

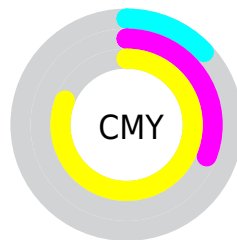


Cyan (0%)

Magenta (21%)

Yellow (78%)

Black (13%)



Cyan (13%)

Magenta (31%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.2760, -62.2541, 40.9769 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 175.2760, -62.2541, 40.9769 by changing the saturation by 10% instead.

■ 175.2760,
-62.2541, 40.9769

■ 175.2760,
-62.2541, 40.9769

■ 255.0000, 0.0000,
0.0000

■ 146.8260,
-66.4692, 39.6176

■ 223.8120,
-58.5743, 27.3519

■ 121.2260,
-59.7644, 35.7588

■ 241.0920,
-53.2894, 12.1973

■ 97.8800, -48.2548,
30.8002

■ 244.1700,
-41.4958, 9.4979

■ 76.0070, -37.4715,
25.4269

■ 247.4760,
-28.8287, 6.5985

■ 54.1340, -26.6881,
20.0535

■ 250.6680,
-16.5983, 3.7992

■ 34.0330, -16.7783,
14.8801

■ 254.0880, -3.4944,

■ 13.9430, -6.8739,

0.7998

11.4510

■ 0.0000, 0.0000,
0.0000

■ 175.2760,
-62.2541, 40.9769

■ 175.2760,
-62.2541, 40.9769

■ 169.2460,
-70.1273, 46.2653

■ 181.3060,
-54.3809, 35.6886

■ 163.2160,
-78.0005, 51.5536

■ 187.3360,
-46.5076, 30.4003

■ 162.0590,
-79.8951, 52.5683

■ 193.4800,
-38.1976, 25.0120

■ 199.5100,
-30.3244, 19.7237

■ 205.5400,
-22.4512, 14.4354

■ 210.9830,
-14.2886, 9.6619

■ 217.0130, -6.4154,
4.3736

■ 223.1570, 1.8946,
-1.0147

■ 229.1870, 9.7678,
-6.3030

Harmonies

Analogous

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



174.7030, -46.1956, 70.4205



175.2760, -62.2541, 40.9769



169.6830, -53.0877, -5.8610

Triad

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



175.2760, -62.2541, 40.9769



150.5330, 41.1492, -132.0174



186.8210, 32.1332, 53.6540

Complementary

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



175.2760, -62.2541, 40.9769



95.7240, 62.2541, -40.9769

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.



178.5050, 37.7120, -9.2129



175.2760, -62.2541, 40.9769



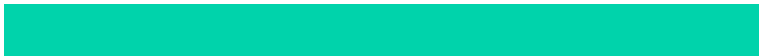
149.4050, 52.0583, -131.0282

Square

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



175.2760, -62.2541, 40.9769



143.3510, 13.6310, -125.7188



141.7740, 55.8204, -124.3358



172.2090, 10.2500, 72.6077

Rectangle

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



175.2760, -62.2541, 40.9769



163.4360, -35.2179, -44.2324



141.7740, 55.8204, -124.3358



186.1670, 33.9347, 35.8105

Sweetspot

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



175.2760, -62.2541, 40.9769



238.8820, -21.1408, 14.1355



105.9710, -5.4087, 101.7574



118.0260, -12.8308, 8.7472



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.



175.2760, -62.2541, 40.9769



190.0720, -86.3105, 56.9419



190.3180, -69.6698, -7.2949



108.9850, -3.9366, 2.6442



128.3470, -63.2751, 41.7917



35.4840, -17.4936, 10.9765

Inverse Universe

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



95.7240, 62.2541, -40.9769



79.9280, 86.3105, -56.9419



80.6820, 69.6698, 7.2949



104.0150, 3.9366, -2.6442



47.6530, 63.2751, -41.7917



13.1030, 17.2042, -11.4913

Previews

White Background



This preview shows how the YUV color 175.2760, -62.2541, 40.9769 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 175.2760, -62.2541, 40.9769 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 175.2760, -62.2541, 40.9769

Background



This preview shows how black text looks on a background with the YUV color 175.2760, -62.2541, 40.9769.



This preview shows how white text looks on a background with the YUV color 175.2760, -62.2541, 40.9769.

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

175.2760, -62.2541, 40.9769

Protanopia

174.5300, -60.9003, 26.7222

Deuteranopia

175.7220, -61.9809, 46.7248



Tritanopia

185.5150, -4.1979, 39.8903

Trichromacy



Original Color

175.2760, -62.2541, 40.9769

Protanomaly

174.4490, -61.3534, 32.0552

Deuteranomaly

175.4120, -61.8281, 44.3657

Tritanomaly

181.6080, -25.4427, 40.6858

Monochromacy



Original Color

175.2760, -62.2541, 40.9769

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

174.8390, -22.5986, 15.0502

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.2760, -62.2541, 40.9769 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(222, 176, 49)` looks like.

```
.text, #text, p{  
    color:rgb(222, 176, 49)  
}
```

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(222, 176, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 176, 49) }
```

Border

The CSS property to change the border of an element to YUV 175.2760, -62.2541, 40.9769 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(222, 176, 49) }
```


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

```
.border{ border-color:rgb(222, 176, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 176, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 176, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 176, 49);  
box-shadow:4px 4px 4px 4px rgb(222, 176,  
49) }
```

Background

The CSS property to change the background color of an element to YUV 175.2760, -62.2541, 40.9769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 176, 49) }
```

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

```
.background{ background-color: rgb(222,  
176, 49) }
```

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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