

Converting Colors

YUV(159.6280, -42.7076,
24.8822)

Have a look what the booklet for
YUV(159.6280, -42.7076, 24.8822)
contains.

YUV(159.6280, -42.7076, 24.8822)	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(159.6280, -42.7076,
24.8822)**

Conversions

Conversions Part 1

Format	Color
Hex	BCA249
RGB	188, 162, 73
RGB Percent	74%, 64%, 29%
CMY	0.2627, 0.3647, 0.7137
CMYK	0.00, 0.14, 0.61, 0.26
HSL	46°, 46%, 51%
HSV	46°, 61%, 74%
XYZ	34.8620, 37.0131, 11.6101
YIQ	159.6280, 44.0650, -22.1670

Conversions

Conversions Part 2

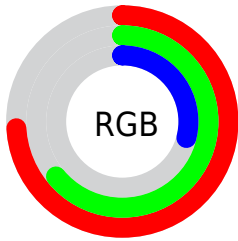
Format	Color
RYB	107, 188, 73
Decimal	12362313
CIELab	67.29, -1.08, 48.76
CIElCh	67, 48.771, 91.274
Yxy	37.0131, 0.4176, 0.4433
Android (android.graphics.Color)	4290552393 (0xFFBCA249)
YUV	159.6280, -42.7076, 24.8822
Hunter-Lab	60.8384, -4.1820, 31.2722

Details

The YUV color **159.6280, -42.7076, 24.8822** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **101.3720, 42.7076, -24.8822**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.4820, -44.6076, 27.6413**, and **106.9050, -42.8442, 22.0083** is the 20% darker color. If you saturate the color by 10%, you get **155.1140, -49.8492, 28.8410**, and if you desaturate by 10%, it is **164.1420, -35.5660, 20.9235**.

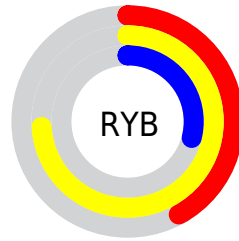
Distribution



Red (74%)

Green (64%)

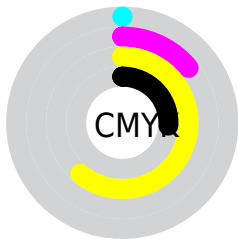
Blue (29%)



Red (42%)

Yellow (74%)

Blue (29%)

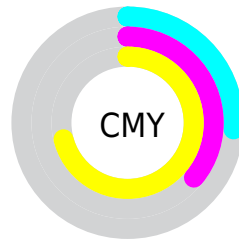


Cyan (0%)

Magenta (14%)

Yellow (61%)

Black (26%)



Cyan (26%)

Magenta (36%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.6280, -42.7076, 24.8822 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 159.6280, -42.7076, 24.8822 by changing the saturation by 10% instead.

■ 159.6280,
-42.7076, 24.8822

■ 159.6280,
-42.7076, 24.8822

■ 255.0000, 0.0000,
0.0000

■ 133.1440,
-41.9760, 23.5527

■ 215.4820,
-44.6076, 27.6413

■ 106.9050,
-42.8442, 22.0083

■ 237.3880,
-42.0963, 15.4457

■ 82.4640, -40.6548,
19.7641

■ 246.3360,
-33.1966, 7.5983

■ 60.6020, -29.8768,
16.1350

■ 249.5280,
-20.9663, 4.7989

■ 40.2020, -19.8196,
10.3468

■ 252.8340, -8.2992,
1.8996

■ 21.2860, -10.4940,
5.8882

■ 0.0000, 0.0000,

0.0000

■ 159.6280,
-42.7076, 24.8822

■ 159.6280,
-42.7076, 24.8822

■ 155.1140,
-49.8492, 28.8410

■ 164.1420,
-35.5660, 20.9235

■ 150.0130,
-56.7014, 33.3146

■ 169.2430,
-28.7138, 16.4499

■ 145.6130,
-63.4062, 37.1734

■ 173.6430,
-22.0090, 12.5911

■ 141.3270,
-69.6742, 40.9322

■ 178.1570,
-14.8674, 8.6323

■ 182.6710, -7.7258,
4.6735

■ 187.7720, -0.8736,
0.2000

■ 192.2860, 6.2680,
-3.7588

■ 196.6860, 12.9728,
-7.6176

■ 201.2000, 20.1144,
-11.5764

Harmonies

Analogous

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



162.2970, -37.1214, 53.2365



159.6280, -42.7076, 24.8822



155.2860, -34.1580, -10.7748

Triad

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



159.6280, -42.7076, 24.8822



132.3070, 37.3166, -116.0332



168.6230, 18.9199, 45.0576

Complementary

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



159.6280, -42.7076, 24.8822



101.3720, 42.7076, -24.8822

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.



167.0010, 35.4955, 1.7531



159.6280, -42.7076, 24.8822



132.4330, 53.0305, -116.1437

Square

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



159.6280, -42.7076, 24.8822



127.8780, 17.8081, -112.1490



153.5420, 48.0468, -57.4803



166.2010, -1.0851, 68.2297

Rectangle

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



159.6280, -42.7076, 24.8822



149.8510, -21.1255, -37.5803



153.5420, 48.0468, -57.4803



168.7400, 24.7782, 32.6770

Sweetspot

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



159.6280, -42.7076, 24.8822



234.1140, -16.3252, 9.5470



110.4630, -5.1583, 67.9999



115.4000, -10.0572, 5.7882



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.



159.6280, -42.7076, 24.8822



200.5270, -66.3218, 39.0028



165.6210, -45.6622, -7.5606



91.8000, -3.3524, 1.9294



118.8560, -58.5960, 34.3293



23.3570, -11.5150, 6.7029

Inverse Universe

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



101.3720, 42.7076, -24.8822



109.8860, 66.6112, -38.4880



95.3790, 45.6622, 7.5606



87.2000, 3.3524, -1.9294



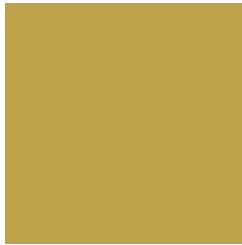
39.1440, 58.5960, -34.3293



7.6430, 11.5150, -6.7029

Previews

White Background



This preview shows how the YUV color 159.6280, -42.7076, 24.8822 looks on a white background.

Color Contrast Check

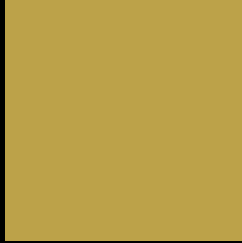
Large Text (above 18pt) WCAG AA × Fail

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 159.6280, -42.7076, 24.8822 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 159.6280, -42.7076, 24.8822

Background



This preview shows how black text looks on a background with the YUV color 159.6280, -42.7076, 24.8822.



This preview shows how white text looks on a background with the YUV color 159.6280, -42.7076, 24.8822.

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

159.6280, -42.7076, 24.8822

Protanopia

159.1220, -41.9651, 20.0640

Deuteranopia

160.8190, -42.3088, 36.9927



Tritanopia

166.5240, -1.2443, 25.8505

Trichromacy



Original Color

159.6280, -42.7076, 24.8822

Protanomaly

159.1330, -41.9706, 21.8084

Deuteranomaly

160.3840, -42.5873, 32.9892

Tritanomaly

164.2130, -16.3740, 25.2462

Monochromacy



Original Color

159.6280, -42.7076, 24.8822

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

159.9290, -15.7410, 8.8323

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.6280, -42.7076, 24.8822 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(188, 162, 73)` looks like.

```
.text, #text, p{  
    color:rgb(188, 162, 73)  
}
```

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(188, 162, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 162, 73) }
```

Border

The CSS property to change the border of an element to YUV 159.6280, -42.7076, 24.8822 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(188, 162, 73) }
```


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

```
.border{ border-color:rgb(188, 162, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 162, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 162, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 162, 73);  
box-shadow:4px 4px 4px 4px rgb(188, 162,  
73) }
```

Background

The CSS property to change the background color of an element to YUV 159.6280, -42.7076, 24.8822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 162, 73) }
```

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

```
.background{ background-color: rgb(188,  
162, 73) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor