

Converting Colors

YUV(102.4480, 6.6811,
-89.8469)

Have a look what the booklet for
YUV(102.4480, 6.6811, -89.8469)
contains.

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Color

**YUV(102.4480, 6.6811,
-89.8469)**

Conversions

Conversions Part 1

Format	Color
Hex	009874
RGB	0, 152, 116
RGB Percent	0%, 60%, 45%
CMY	1.0000, 0.4039, 0.5451
CMYK	1.00, 0.00, 0.24, 0.40
HSL	166°, 100%, 30%
HSV	166°, 100%, 60%
XYZ	14.3806, 23.7174, 20.3430
YIQ	102.4480, -79.0360, -43.4200

Conversions

Conversions Part 2

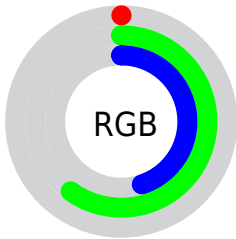
Format	Color
RYB	0, 86, 152
Decimal	39028
CIELab	55.80, -43.07, 9.46
CIELCh	56, 44.097, 167.607
Yxy	23.7174, 0.2461, 0.4058
Android (android.graphics.Color)	4278229108 (0xFF009874)
YUV	102.4480, 6.6811, -89.8469
Hunter-Lab	48.7005, -32.5173, 9.3240

Details

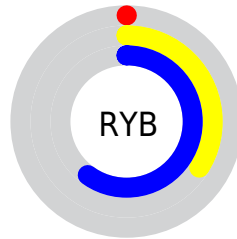
The YUV color **102.4480, 6.6811, -89.8469** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **49.5520, -6.6811, 89.8469**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.6740, 0.6537, -69.8741**, and **66.4520, 0.7632, -58.2784** is the 20% darker color. If you saturate the color by 10%, you get **102.4480, 6.6811, -89.8469**, and if you desaturate by 10%, it is **107.3890, 6.2172, -81.0252**.

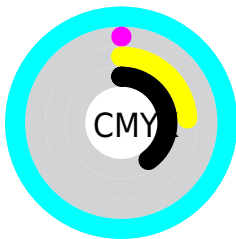
Distribution



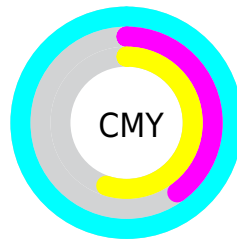
- Red (0%)
- Green (60%)
- Blue (45%)



- Red (0%)
- Yellow (34%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (24%)
- Black (40%)




- Cyan (100%)
- Magenta (40%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YUV color 102.4480, 6.6811, -89.8469 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 102.4480, 6.6811, -89.8469 by changing the saturation by 10% instead.

 102.4480, 6.6811,
-89.8469

 102.4480, 6.6811,
-89.8469


255.0000, 0.0000,
0.0000

 83.7490, 3.5747,
-73.4479


 166.6740, 0.6537,
-69.8741


 66.4520, 0.7632,
-58.2784


 195.7450, -0.3673,
-69.0594

 49.2690, -1.6116,
-43.2089

 218.7610, 2.0898,
-63.8114

 32.7870, -3.8390,
-28.7542

 230.7380, 10.4822,
-48.8822

 17.0230, -8.3923,
-14.9292

 240.0500, 7.3704,
-30.7388

 0.0000, 0.0000,
0.0000

 249.0200, 2.9481,

-12.2955

■ 102.4480, 6.6811,
-89.8469

■ 107.3890, 6.2172,
-81.0252

■ 112.2160, 5.3165,
-72.1034

■ 117.4560, 4.7052,
-62.6669

■ 122.2830, 3.8045,
-53.7452

■ 127.2240, 3.3406,
-44.9234

■ 132.1650, 2.8767,
-36.1017

■ 136.9920, 1.9759,
-27.1800

■ 142.2320, 1.3646,
-17.7435

■ 147.0590, 0.4639,
-8.8217

Harmonies

Analogous

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



122.3190, -20.8633, -28.3438



102.4480, 6.6811, -89.8469



107.5950, 23.8637, -94.3608

Triad

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



102.4480, 6.6811, -89.8469



132.7980, 36.5816, -19.9938



133.0550, -26.6491, 54.3258

Complementary

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



102.4480, 6.6811, -89.8469



49.5520, -6.6811, 89.8469

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.



134.3500, -10.5255, 62.8371



102.4480, 6.6811, -89.8469



138.0440, 23.6423, 23.6404

Square

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



102.4480, 6.6811, -89.8469



107.0660, 49.7605, -93.8969



136.2790, 7.2575, 52.3753



130.9910, -36.4776, 33.3339

Rectangle

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



102.4480, 6.6811, -89.8469



109.6300, 34.1994, -96.1455



136.2790, 7.2575, 52.3753



133.3420, -21.8606, 58.4591

Sweetspot

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



102.4480, 6.6811, -89.8469



176.7630, 2.5818, -34.8722



100.5860, -49.5889, -54.8879



87.6230, 1.6649, -20.7174



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



102.4480, 6.6811, -89.8469



132.1520, 8.7991, -115.8973



84.2460, 33.4027, -73.8837



74.3800, 0.3057, -4.7183



94.3780, 6.2226, -82.7695



8.7710, 0.6059, -7.6922

Inverse Universe

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



49.5520, -6.6811, 89.8469



63.9620, -8.3623, 115.7973



67.7540, -33.4027, 73.8837



71.6200, -0.3057, 4.7183



45.6220, -6.2226, 82.7695



4.2290, -0.6059, 7.6922

Previews

White Background



This preview shows how the YUV color 102.4480, 6.6811, -89.8469 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 102.4480, 6.6811, -89.8469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

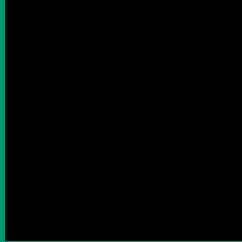
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 102.4480, 6.6811, -89.8469

Background



This preview shows how black text looks on a background with the YUV color 102.4480, 6.6811, -89.8469.



This preview shows how white text looks on a background with the YUV color 102.4480, 6.6811, -89.8469.

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



Protanopia

132.4280, -12.5360, 7.5176

Deuteranopia

133.7800, -6.3005, 14.2249

Tritanopia

118.0660, 19.6875, -61.4479

Trichromacy



Protanomaly

121.6300, -5.7336, -27.7395

Deuteranomaly

122.3900, -1.6713, -24.0210

Tritanomaly

112.4470, 15.0626, -71.4290

Monochromacy



Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

102.0730, 2.4290, -32.5130

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.4480, 6.6811, -89.8469 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(0, 152, 116)` looks like.

```
.text, #text, p{  
    color:rgb(0, 152, 116)  
}
```

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(0, 152, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 152, 116) }
```

Border

The CSS property to change the border of an element to YUV 102.4480, 6.6811, -89.8469 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(0, 152, 116) }
```

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

```
.border{ border-color:rgb(0, 152, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 152, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 152, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 152, 116);  
box-shadow:4px 4px 4px 4px rgb(0, 152,  
116) }
```


Background

The CSS property to change the background color of an element to YUV 102.4480, 6.6811, -89.8469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 152, 116) }
```

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

```
.background{ background-color: rgb(0, 152,  
116) }
```

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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