

Converting Colors

YUV(102.6010, -24.9463,
21.3979)

Have a look what the booklet for
YUV(102.6010, -24.9463, 21.3979)
contains.

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Color

**YUV(102.6010, -24.9463,
21.3979)**

Conversions

Conversions Part 1

Format	Color
Hex	7F6434
RGB	127, 100, 52
RGB Percent	50%, 39%, 20%
CMY	0.5020, 0.6078, 0.7961
CMYK	0.00, 0.21, 0.59, 0.50
HSL	38°, 42%, 35%
HSV	38°, 59%, 50%
XYZ	13.9294, 13.8743, 5.1927
YIQ	102.6010, 31.5000, -9.2040

Conversions

Conversions Part 2

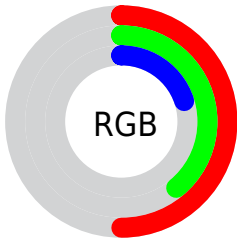
Format	Color
RYB	94, 127, 52
Decimal	8348724
CIELab	44.05, 4.77, 31.01
CIELCh	44, 31.374, 81.258
Yxy	13.8743, 0.4221, 0.4205
Android (android.graphics.Color)	4286538804 (0xFF7F6434)
YUV	102.6010, -24.9463, 21.3979
Hunter-Lab	37.2482, 1.5677, 17.8083

Details

The YUV color **102.6010, -24.9463, 21.3979** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **76.3990, 24.9463, -21.3979**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.4550, -26.8463, 24.1570**, and **54.8070, -24.0619, 17.7093** is the 20% darker color. If you saturate the color by 10%, you get **98.1840, -29.1777, 25.2716**, and if you desaturate by 10%, it is **107.0180, -20.7149, 17.5242**.

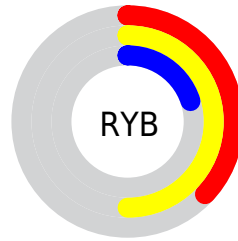
Distribution



Red (50%)

Green (39%)

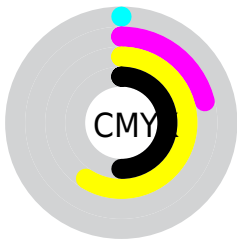
Blue (20%)



Red (37%)

Yellow (50%)

Blue (20%)

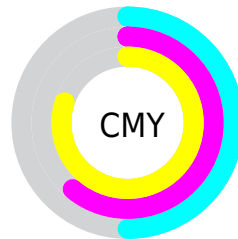


Cyan (0%)

Magenta (21%)

Yellow (59%)

Black (50%)



Cyan (50%)

Magenta (61%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 102.6010, -24.9463, 21.3979 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 102.6010, -24.9463, 21.3979 by changing the saturation by 10% instead.

■ 102.6010,
-24.9463, 21.3979

■ 102.6010,
-24.9463, 21.3979

■ 255.0000, 0.0000,
0.0000

■ 78.1170, -24.2147,
20.0684

■ 154.4550,
-26.8463, 24.1570

■ 54.8070, -24.0619,
17.7093

■ 180.9390,
-27.5779, 25.4865

■ 34.0330, -16.7783,
14.8801

■ 209.1240,
-28.1621, 26.2013

■ 13.9430, -6.8739,
11.4510

■ 233.3080,
-27.2668, 19.0239

■ 0.0000, 0.0000,
0.0000

■ 249.4140,
-21.4031, 4.8989

■ 252.7200, -8.7360,

1.9996

■ 102.6010,
-24.9463, 21.3979

■ 102.6010,
-24.9463, 21.3979

■ 98.1840, -29.1777,
25.2716

■ 107.0180,
-20.7149, 17.5242

■ 94.4680, -33.2617,
28.5306

■ 110.7340,
-16.6309, 14.2653

■ 90.0510, -37.4931,
32.4043

■ 115.1510,
-12.3994, 10.3916

■ 86.2210, -42.0140,
35.7632

■ 118.9810, -7.8786,
7.0327

■ 85.5200, -42.1614,
36.3780

■ 123.3980, -3.6472,
3.1590

■ 127.1140, 0.4368,
-0.1000

■ 131.5310, 4.6682,
-3.9737

■ 135.9480, 8.8996,
-7.8474

■ 139.6640, 12.9836,
-11.1063

Harmonies

Analogous

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



104.3670, -19.9009, 36.5121



102.6010, -24.9463, 21.3979



100.0500, -22.7026, 1.7102

Triad

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



102.6010, -24.9463, 21.3979



83.1740, 19.1412, -72.9436



107.0190, 14.7806, 19.2773

Complementary

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



102.6010, -24.9463, 21.3979



76.3990, 24.9463, -21.3979

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.



104.5470, 23.8873, -8.3727



102.6010, -24.9463, 21.3979



83.9210, 29.6189, -73.5987

Square

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



102.6010, -24.9463, 21.3979



88.4790, 3.2149, -51.2861



94.8090, 29.6742, -44.5595



106.7410, 3.0857, 37.0611

Rectangle

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



102.6010, -24.9463, 21.3979



98.1450, -16.8335, -14.1592



94.8090, 29.6742, -44.5595



107.0610, 17.7179, 10.4705

Sweetspot

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



102.6010, -24.9463, 21.3979



156.1230, -9.9206, 8.6621



77.6170, 1.1748, 43.3089



77.8390, -5.8366, 5.4032



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



102.6010, -24.9463, 21.3979



127.3070, -39.0984, 33.9338



115.4600, -31.2858, 1.3506



61.4410, -2.1894, 2.2442



86.4060, -42.5982, 36.4779



0.0000, 0.0000, 0.0000

Inverse Universe

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



76.3990, 24.9463, -21.3979



86.1060, 39.3877, -33.4190



63.5400, 31.2858, -1.3506



59.5590, 2.1894, -2.2442



41.5940, 42.5982, -36.4779



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 102.6010, -24.9463, 21.3979 looks on a white 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

Black Background



This preview shows how the YUV color 102.6010, -24.9463, 21.3979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

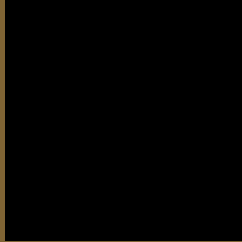
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 102.6010, -24.9463, 21.3979

Background



This preview shows how black text looks on a background with the YUV color 102.6010, -24.9463, 21.3979.



This preview shows how white text looks on a background with the YUV color 102.6010, -24.9463, 21.3979.

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

102.6010, -24.9463, 21.3979

Protanopia

101.4750, -23.8982, 11.8614

Deuteranopia

102.3130, -24.8043, 22.5275



Tritanopia

105.9750, -1.9597, 21.9469

Trichromacy



Original Color

102.6010, -24.9463, 21.3979

Protanomaly

102.0840, -24.1984, 14.8353

Deuteranomaly

102.3130, -24.8043, 22.5275

Tritanomaly

104.7980, -10.2534, 22.1022

Monochromacy



Original Color

102.6010, -24.9463, 21.3979

Achromatopsia

103.0000, 0.0000, 0.0000

Achromatomaly

102.9380, -9.3364, 7.9474

CSS Examples

Text

The CSS property to change the color of the text to YUV 102.6010, -24.9463, 21.3979 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(127, 100, 52)` looks like.

```
.text, #text, p{  
    color:rgb(127, 100, 52)  
}
```

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(127, 100, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 100, 52) }
```

Border

The CSS property to change the border of an element to YUV 102.6010, -24.9463, 21.3979 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(127, 100, 52) }
```


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

```
.border{ border-color:rgb(127, 100, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 100, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 100, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 100, 52);  
box-shadow:4px 4px 4px 4px rgb(127, 100,  
52) }
```

Background

The CSS property to change the background color of an element to YUV 102.6010, -24.9463, 21.3979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 100, 52) }
```

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

```
.background{ background-color: rgb(127,  
100, 52) }
```

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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