

Converting Colors

YUV(97.4610, -29.3143,
22.3977)

Have a look what the booklet for
YUV(97.4610, -29.3143, 22.3977)
contains.

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Color

**YUV(97.4610, -29.3143,
22.3977)**

Conversions

Conversions Part 1

Format	Color
Hex	7B6026
RGB	123, 96, 38
RGB Percent	48%, 38%, 15%
CMY	0.5176, 0.6235, 0.8510
CMYK	0.00, 0.22, 0.69, 0.52
HSL	41°, 53%, 32%
HSV	41°, 69%, 48%
XYZ	12.7011, 12.7166, 3.6189
YIQ	97.4610, 34.7100, -12.3140

Conversions

Conversions Part 2

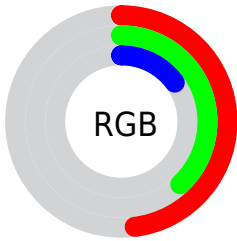
Format	Color
R_{YB}	78, 123, 38
Decimal	8085542
CIE Lab	42.33, 4.19, 36.27
CIE LCh	42, 36.512, 83.411
Yxy	12.7166, 0.4374, 0.4380
Android (android.graphics.Color)	4286275622 (0xFF7B6026)
YUV	97.4610, -29.3143, 22.3977
Hunter-Lab	35.6604, 1.1704, 18.9455

Details

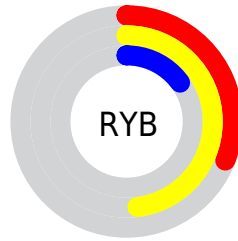
The YUV color **97.4610, -29.3143, 22.3977** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **63.5390, 29.3143, -22.3977**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.7280, -30.9249, 25.6715**, and **50.5790, -24.9354, 17.9092** is the 20% darker color. If you saturate the color by 10%, you get **93.7450, -33.3983, 25.6566**, and if you desaturate by 10%, it is **101.1770, -25.2303, 19.1388**.

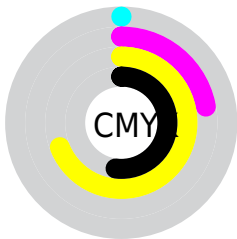
Distribution



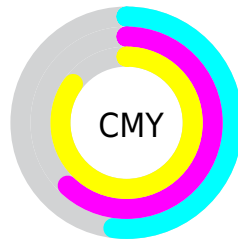
- Red (48%)
- Green (38%)
- Blue (15%)



- Red (31%)
- Yellow (48%)
- Blue (15%)



- Cyan (0%)
- Magenta (22%)
- Yellow (69%)
- Black (52%)



- Cyan (52%)
- Magenta (62%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 97.4610, -29.3143, 22.3977 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 97.4610, -29.3143, 22.3977 by changing the saturation by 10% instead.

■ 97.4610, -29.3143,
22.3977

■ 97.4610, -29.3143,
22.3977

255.0000, 0.0000,
0.0000

■ 72.5640, -28.8721,
20.5534

■ 148.7280,
-30.9249, 25.6715

■ 50.5790, -24.9354,
17.9092

■ 176.0980,
-32.0933, 27.1011

■ 30.7770, -15.1731,
13.3506

■ 203.5820,
-32.8249, 28.4306

■ 9.2140, -4.5425,
10.3363

■ 228.6630,
-32.3719, 23.0975

■ 0.0000, 0.0000,
0.0000

■ 247.7040,
-27.9551, 6.3986

■ 250.8960,

-15.7247, 3.5992

254.2020, -3.0576,
0.6998

97.4610, -29.3143,
22.3977

97.4610, -29.3143,
22.3977

93.7450, -33.3983,
25.6566

101.1770,
-25.2303, 19.1388

89.9150, -37.9191,
29.0155

105.0070,
-20.7095, 15.7799

86.1990, -42.0031,
32.2745

108.7230,
-16.6254, 12.5209

86.0850, -42.4399,
32.3745

112.4390,
-12.5414, 9.2620

116.1550, -8.4574,
6.0031

■ 119.3980, -3.6472,
3.1590

■ 123.1140, 0.4368,
-0.1000

■ 126.8300, 4.5208,
-3.3589

■ 130.6600, 9.0416,
-6.7178

Harmonies

Analogous

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



99.1780, -23.2588, 40.1859



97.4610, -29.3143, 22.3977



94.5290, -25.8968, -0.4639

Triad

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



97.4610, -29.3143, 22.3977



81.5270, 20.4462, -71.4992



103.3940, 16.0748, 24.2105

Complementary

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



97.4610, -29.3143, 22.3977



63.5390, 29.3143, -22.3977

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.



100.6440, 26.7975, -8.4578



97.4610, -29.3143, 22.3977



82.6160, 32.2343, -72.4542

Square

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



97.4610, -29.3143, 22.3977



77.9930, 6.9055, -68.3999



82.8650, 38.0276, -63.9026



101.7850, 3.0640, 44.0386

Rectangle

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



97.4610, -29.3143, 22.3977



91.9550, -18.7118, -18.3775



82.8650, 38.0276, -63.9026



103.3650, 20.0331, 14.5889

Sweetspot

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



97.4610, -29.3143, 22.3977



150.6670, -11.6678, 9.0620



66.6070, -0.2993, 49.4567



75.4970, -7.1470, 5.7031



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



97.4610, -29.3143, 22.3977



120.4830, -46.0871, 35.5334



109.1240, -35.0641, -0.1087



59.1420, -2.0420, 1.6295



87.2700, -43.0241, 33.0892



176.3120, -86.9218, 66.3784

Inverse Universe

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



63.5390, 29.3143, -22.3977



67.5170, 46.0871, -35.5334



51.8760, 35.0641, 0.1087



56.8580, 2.0420, -1.6295



37.7300, 43.0241, -33.0892



75.6880, 86.9218, -66.3784

Previews

White Background



This preview shows how the YUV color 97.4610, -29.3143, 22.3977 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 97.4610, -29.3143, 22.3977 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 97.4610, -29.3143, 22.3977

Background



This preview shows how black text looks on a background with the YUV color 97.4610, -29.3143, 22.3977.



This preview shows how white text looks on a background with the YUV color 97.4610, -29.3143,

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

97.4610, -29.3143, 22.3977

Protanopia

96.6340, -28.4136, 13.4760

Deuteranopia

97.4720, -29.3197, 24.1421



Tritanopia

101.8610, -2.3965, 22.0469

Trichromacy



Original Color

97.4610, -29.3143, 22.3977

Protanomaly

97.2430, -28.7138, 16.4499

Deuteranomaly

97.1730, -29.1723, 23.5273

Tritanomaly

100.3420, -12.0006, 22.5021

Monochromacy



Original Color

97.4610, -29.3143, 22.3977

Achromatopsia

97.0000, 0.0000, 0.0000

Achromatomaly

97.2970, -10.4994, 7.6325

CSS Examples

Text

The CSS property to change the color of the text to YUV 97.4610, -29.3143, 22.3977 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(123, 96, 38)` looks like.

```
.text, #text, p{  
    color:rgb(123, 96, 38)  
}
```

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(123, 96, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 96, 38) }
```

Border

The CSS property to change the border of an element to YUV 97.4610, -29.3143, 22.3977 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(123, 96, 38) }
```


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

```
.border{ border-color:rgb(123, 96, 38) }
```

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

Here you see how a box with a 4 pixel rgb(123, 96, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 96, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 96, 38);  
box-shadow:4px 4px 4px 4px rgb(123, 96,  
38) }
```

Background

The CSS property to change the background color of an element to YUV 97.4610, -29.3143, 22.3977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 96, 38) }
```

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

```
.background{ background-color: rgb(123, 96,  
38) }
```

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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