Converting Colors

RGB(121, 77, 40)

Have a look what the booklet for RGB(121, 77, 40) contains.

RGB(121, 77, 40) 3
Conversions 4
Details 6
Harmonies 11
Previews 23
Color Blindness Simulation 26
CSS Examples 29

Color

RGB(121, 77, 40)

Conversions

Conversions Part 1

Format	Color
Hex	794D28
RGB	121, 77, 40
RGB Percent	47%, 30%, 16%
CMY	0.5255, 0.6980, 0.8431
CMYK	0.00, 0.36, 0.67, 0.53
HSL	27°, 50%, 32%
HSV	27°, 67%, 47%
XYZ	10.9220, 9.5259, 3.2705
YIQ	85.9380, 38.1010, -2.1790

Conversions

Conversions Part 2

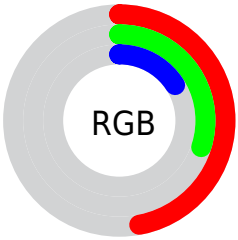
Format	Color
RYB	121, 108, 40
Decimal	7949608
CIELab	36.98, 14.73, 29.17
CIELCh	37, 32.680, 63.204
Yxy	9.5259, 0.4605, 0.4016
Android (android.graphics.Color)	4286139688 (0xFF794D28)
YUV	85.9380, -22.6474, 30.7494
Hunter-Lab	30.8641, 9.1547, 15.3222

Details

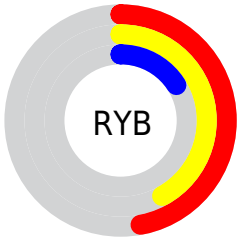
The RGB color 121, 77, 40 is a dark color, and the websafe version is hex 996633. A complement of this color would be 40, 84, 121, and the grayscale version is 86, 86, 86.

A 20% lighter version of the original color is 176, 126, 87, and 69, 32, 0 is the 20% darker color. If you saturate the color by 10%, you get 121, 70, 28, and if you desaturate by 10%, it is 121, 84, 52.

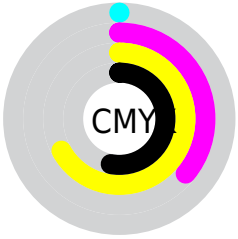
Distribution



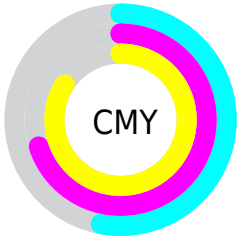
- Red (47%)
- Green (30%)
- Blue (16%)



- Red (47%)
- Yellow (42%)
- Blue (16%)



- Cyan (0%)
- Magenta (36%)
- Yellow (67%)
- Black (53%)



- Cyan (53%)
- Magenta (70%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the RGB color 121, 77, 40 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 RGB color 121, 77, 40 by changing the saturation by 10% instead.

121, 77, 40	121, 77, 40
255, 255, 255	94, 54, 18
176, 126, 87	69, 32, 0
205, 152, 111	43, 12, 0
234, 179, 137	4, 0, 0
255, 206, 163	0, 0, 0
255, 235, 191	
255, 255, 219	
255, 255, 247	

121, 77, 40	121, 77, 40

121, 70, 28

121, 64, 16

121, 57, 4

121, 55, 0

121, 84, 52

121, 90, 64

121, 97, 76

121, 103, 88

121, 110, 100

121, 116, 113

121, 123, 125

121, 130, 137

121, 136, 149

Harmonies

Analogous

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

134, 68, 60

121, 77, 40

100, 87, 32

Triad

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

121, 77, 40

0, 100, 89

92, 79, 131

Complementary

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

121, 77, 40

40, 84, 121

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.

44, 89, 139

121, 77, 40

0, 100, 115

Square

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

121, 77, 40

36, 98, 62

0, 96, 134

122, 69, 111

Rectangle

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

121, 77, 40

82, 92, 36

0, 96, 134

79, 82, 135

Sweetspot

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

121, 77, 40

158, 141, 126

121, 40, 85

79, 69, 60

207, 207, 207

79, 79, 79

Same Dimension

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

121, 77, 40

158, 89, 32

121, 117, 40

61, 58, 55

125, 57, 0

252, 115, 0

Inverse Universe

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

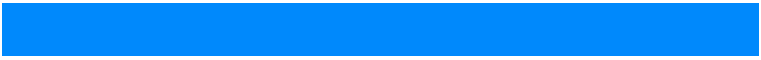
40, 84, 121

32, 100, 158

40, 44, 121

55, 58, 61

0, 68, 125



0, 137, 252

Previews

White Background

This preview shows how the RGB color 121, 77, 40 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 ✓ Pass

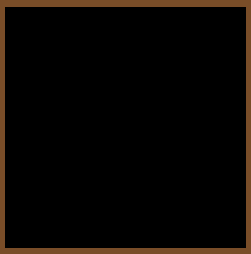
Black Background

Color Contrast Check

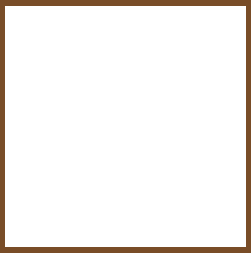
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 121, 77, 40 Background



This preview shows how black text looks on a background with the RGB color 121, 77, 40.



This preview shows how white text looks on a background with the RGB color 121, 77, 40.

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
121, 77, 40

Protanopia
97, 88, 43

Deuteranopia
108, 83, 38

Tritanopia
123, 73, 78

Trichromacy

Original Color
121, 77, 40

Protanomaly
106, 84, 42

Deuteranomaly
113, 81, 39

Tritanomaly
122, 74, 64

Monochromacy

Original Color
121, 77, 40

Achromatopsia
86, 86, 86

Achromatomaly
99, 83, 69

CSS Examples

Text

The CSS property to change the color of the text to RGB 121, 77, 40 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(121, 77, 40) looks like.

```
.text, #text, p{
    color:rgb(121, 77, 40)
}
```

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(121, 77, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 77, 40) }
```

Border

The CSS property to change the border of an element to RGB 121, 77, 40 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(121, 77, 40) }
```

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

```
.border{ border-color:rgb(121, 77, 40) }
```

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

Here you see how a box with a 4 pixel rgb(121, 77, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 77, 40); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 77, 40); box-shadow:4px 4px 4px 4px rgb(121, 77, 40) }
```

Background

The CSS property to change the background color of an element to RGB 121, 77, 40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(121, 77, 40) }
```

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

```
.background{ background-color:rgb(121, 77,
40) }
```

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