Converting Colors

RYB(130, 94, 75)

Have a look what the booklet for RYB(130, 94, 75) contains.

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Color

RYB(130, 94, 75)

Conversions

Conversions Part 1

Format	Color
Hex	82594B
RGB	130, 89, 75
RGB Percent	51%, 35%, 29%
CMY	0.4902, 0.6505, 0.7059
CMYK	0.00, 0.31, 0.42, 0.49
HSL	15°, 27%, 40%
HSV	15°, 42%, 51%
XYZ	14.0584, 12.4188, 8.3127
YIQ	99.6630, 28.9300, 4.3380

Conversions

Conversions Part 2

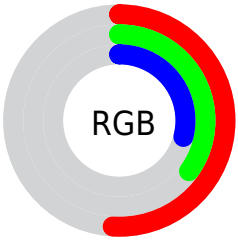
Format	Color
RYB	130, 94, 75
Decimal	8542539
CIELab	41.87, 14.97, 14.94
CIELCh	42, 21.147, 44.945
Yxy	12.4188, 0.4041, 0.3570
Android (android.graphics.Color)	4286732619 (0xFF82594B)
YUV	99.6630, -12.1589, 26.6055
Hunter-Lab	35.2404, 9.5383, 10.6826

Details

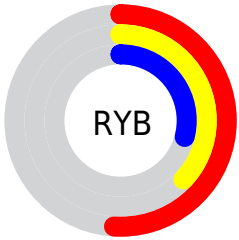
The RYB color 130, 94, 75 is a dark color, and the websafe version is hex 996666. A complement of this color would be 75, 98, 130, and the grayscale version is 100, 100, 100.

A 20% lighter version of the original color is 184, 144, 124, and 79, 47, 31 is the 20% darker color. If you saturate the color by 10%, you get 130, 85, 62, and if you desaturate by 10%, it is 130, 103, 88.

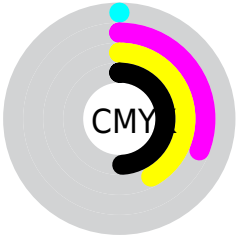
Distribution



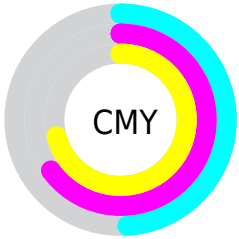
- Red (51%)
- Green (35%)
- Blue (29%)



- Red (51%)
- Yellow (37%)
- Blue (29%)



- Cyan (0%)
- Magenta (31%)
- Yellow (42%)
- Black (49%)



- Cyan (49%)
- Magenta (65%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the RYB color 130, 94, 75 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 RYB color 130, 94, 75 by changing the saturation by 10% instead.

130, 94, 75	130, 94, 75
255, 255, 255	104, 71, 52
184, 144, 124	79, 47, 31
213, 171, 150	54, 28, 8
242, 199, 176	33, 0, 0
255, 230, 204	0, 0, 0
238, 255, 232	

130, 94, 75	130, 94, 75
130, 85, 62	130, 103, 88
130, 77, 49	130, 110, 101

130, 68, 36

130, 59, 23

130, 52, 10

130, 44, 0

130, 119, 114

130, 129, 127

130, 134, 140

130, 140, 153

130, 145, 166

130, 151, 179

130, 156, 192

Harmonies

Analogous

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

134, 86, 91

130, 94, 75

108, 119, 65

Triad

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

130, 94, 75

62, 91, 108

89, 96, 132

Complementary

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

130, 94, 75

75, 98, 130

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.

63, 88, 132

130, 94, 75

45, 77, 108

Square

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

130, 94, 75

74, 105, 96

43, 79, 123

112, 91, 124

Rectangle

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

130, 94, 75

75, 108, 64

43, 79, 123

80, 94, 133

Sweetspot

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

130, 94, 75

168, 154, 146

130, 75, 116

84, 75, 71

212, 212, 212

84, 84, 84

Same Dimension

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

130, 94, 75

168, 113, 82

94, 130, 75

64, 60, 57

128, 44, 0

0, 0, 0

Inverse Universe

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

75, 98, 130

82, 119, 168

75, 86, 130

57, 60, 64

0, 55, 128

0, 0, 0

Previews

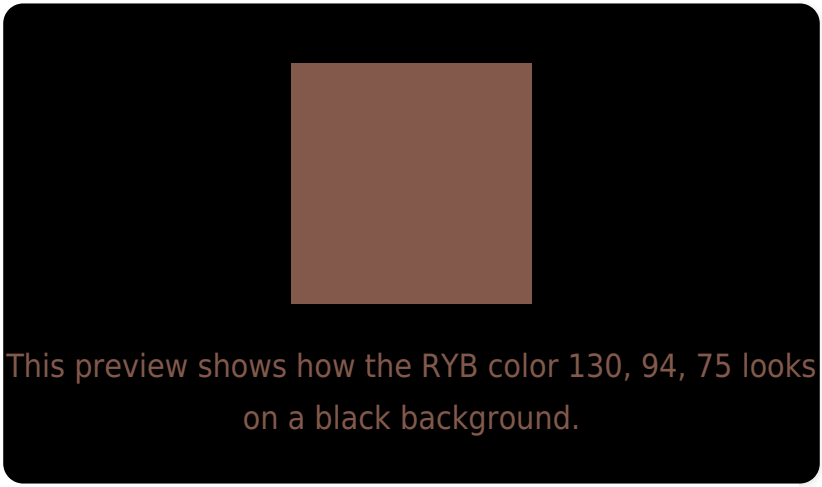
White Background

This preview shows how the RYB color 130, 94, 75 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

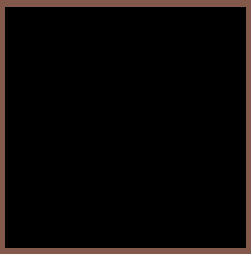


Color Contrast Check

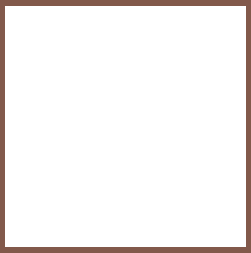
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

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

RYB 130, 94, 75 Background



This preview shows how black text looks on a background with the RYB color 130, 94, 75.



This preview shows how white text looks on a background with the RYB color 130, 94, 75.

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
130, 94, 75

Protanopia
88, 105, 80

Deuteranopia
117, 115, 74

Tritanopia
132, 87, 93

Trichromacy

Original Color
130, 94, 75

Protanomaly
114, 110, 78

Deuteranomaly
122, 105, 74

Tritanomaly
131, 88, 86

Monochromacy

Original Color
130, 94, 75

Achromatopsia
100, 100, 100

Achromatomaly
111, 98, 91

CSS Examples

Text

The CSS property to change the color of the text to RYB 130, 94, 75 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(130, 89, 75) looks like.

```
.text, #text, p{
    color:rgb(130, 89, 75)
}
```

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(130, 89, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 89, 75) }
```

Border

The CSS property to change the border of an element to RYB 130, 94, 75 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(130, 89, 75) }
```

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

```
.border{ border-color:rgb(130, 89, 75) }
```

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

Here you see how a box with a 4 pixel rgb(130, 89, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 89, 75); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 89, 75); box-shadow:4px 4px 4px 4px rgb(130, 89, 75) }
```

Background

The CSS property to change the background color of an element to RYB 130, 94, 75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(130, 89, 75) }
```

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

```
.background{ background-color:rgb(130, 89,
75) }
```

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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