

Converting Colors

`RYB(125, 96, 116)`

Have a look what the booklet for
RYB(125, 96, 116) contains.

RYB(125, 96, 116)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

$\text{RYB}(125, 96, 116)$

Conversions

Conversions Part 1

Format	Color
Hex	7D6074
RGB	125, 96, 116
RGB Percent	49%, 38%, 45%
CMY	0.5098, 0.6235, 0.5451
CMYK	0.00, 0.23, 0.07, 0.51
HSL	319°, 13%, 43%
HSV	319°, 23%, 49%
XYZ	15.7927, 13.9867, 18.3903
YIQ	106.9510, 10.8640, 12.3680

Conversions

Conversions Part 2

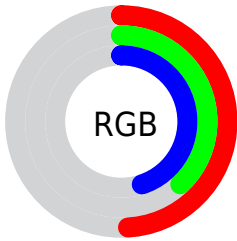
Format	Color
RYB	125, 96, 116
Decimal	8216692
CIELab	44.21, 15.34, -6.74
CIELCh	44, 16.752, 336.287
Yxy	13.9867, 0.3279, 0.2904
Android (android.graphics.Color)	4286406772 (0xFF7D6074)
YUV	106.9510, 4.4612, 15.8290
Hunter-Lab	37.3988, 9.9289, -2.9759

Details

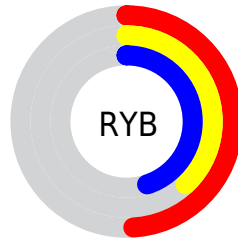
The RYB color **125, 96, 116** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **96, 118, 125**, and the grayscale version is **107, 107, 107**.

A 20% lighter version of the original color is **178, 147, 168**, and **76, 49, 68** is the 20% darker color. If you saturate the color by 10%, you get **125, 83, 112**, and if you desaturate by 10%, it is **125, 109, 120**.

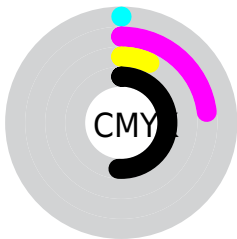
Distribution



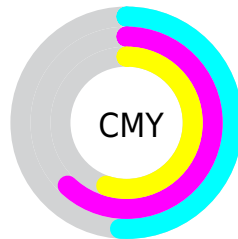
- Red (49%)
- Green (38%)
- Blue (45%)



- Red (49%)
- Yellow (38%)
- Blue (45%)



- Cyan (0%)
- Magenta (23%)
- Yellow (7%)
- Black (51%)



- Cyan (51%)
- Magenta (62%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 125, 96, 116 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 125, 96, 116 by changing the saturation by 10% instead.



125, 96, 116



125, 96, 116

255, 255, 255



100, 72, 91



178, 147, 168



76, 49, 68



206, 173, 195



53, 28, 46



234, 201, 223



32, 4, 25



255, 229, 252



0, 0, 0



125, 96, 116



125, 96, 116



125, 83, 112



125, 109, 120



125, 71, 108



125, 121, 124



125, 59, 104



125, 132, 134

■ 125, 46, 100

■ 125, 141, 146

■ 125, 34, 97

■ 125, 151, 159

■ 125, 21, 93

■ 125, 160, 171

■ 125, 8, 89

■ 125, 170, 184

■ 125, 0, 86

■ 125, 179, 196

■ 125, 189, 209

Harmonies

Analogous

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



111, 100, 127



125, 96, 116



132, 94, 102

Triad

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



125, 96, 116



86, 112, 77



65, 90, 120

Complementary

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



125, 96, 116



96, 118, 125

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.



68, 91, 112



125, 96, 116



82, 109, 94

Square

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



125, 96, 116



124, 118, 79



81, 102, 111



74, 96, 130

Rectangle

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



125, 96, 116



133, 95, 93



81, 102, 111



64, 89, 116

Sweetspot

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



125, 96, 116



163, 152, 160



105, 96, 125



82, 75, 80



209, 209, 209



82, 82, 82

Same Dimension

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



125, 96, 116



163, 118, 149



125, 96, 102



64, 57, 62



128, 0, 88



0, 0, 0

Inverse Universe

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



125, 96, 116



163, 118, 149



96, 112, 125



64, 57, 62



128, 0, 88



0, 0, 0

Previews

White Background



This preview shows how the RYB color 125, 96, 116 looks on a white background.

Color Contrast Check

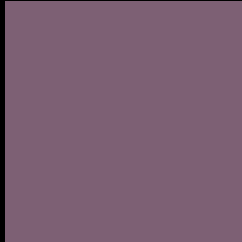
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 125, 96, 116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

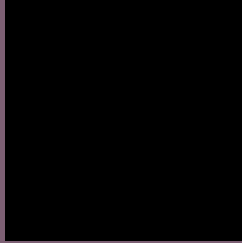
Any Text WCAG AA × Fail

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](#).

R Y B 125, 96, 116 Background



This preview shows how black text looks on a background with the RYB color 125, 96, 116.



This preview shows how white text looks on a background with the RYB color 125, 96, 116.

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

125, 96, 116

Protanopia

102, 104, 121

Deuteranopia

110, 102, 115



Tritanopia
124, 98, 105

Trichromacy



Original Color

125, 96, 116

Protanomaly

110, 101, 119

Deuteranomaly

115, 100, 115

Tritanomaly

124, 97, 109

Monochromacy



Original Color

125, 96, 116

Achromatopsia

107, 107, 107

Achromatomaly

114, 103, 110

CSS Examples

Text

The CSS property to change the color of the text to RYB 125, 96, 116 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(125, 96, 116) looks like.

```
.text, #text, p{  
    color:rgb(125, 96, 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(125, 96, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 96, 116) }
```

Border

The CSS property to change the border of an element to RYB 125, 96, 116 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(125, 96, 116) }
```

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

```
.border{ border-color:rgb(125, 96, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 96, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 96, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 96, 116);  
box-shadow:4px 4px 4px 4px rgb(125, 96,  
116) }
```

Background

The CSS property to change the background color of an element to RGB 125, 96, 116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 96, 116) }
```

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

```
.background{ background-color: rgb(125, 96,  
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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