Converting Colors

RYB(150, 126, 116)

Have a look what the booklet for RYB(150, 126, 116) contains.

Color

RYB(150, 126, 116)

Conversions

Format	Color
Hex	967C74
RGB	150, 124, 116
RGB Percent	59%, 49%, 45%
CMY	0.4118, 0.5148, 0.5451
CMYK	0.00, 0.18, 0.23, 0.41
HSL	14°, 14%, 52%
HSV	14°, 23%, 59%
XYZ	22.9036, 22.0920, 19.5800
YIQ	130.8620, 18.0640, 3.0240

Conversions Part 1

Conversions

Conversions Part 2

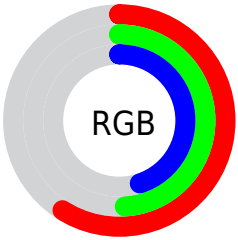
Format	Color
RYB	150, 126, 116
Decimal	9862260
CIELab	54.12, 8.88, 8.02
CIELCh	54, 11.964, 42.071
Yxy	22.0920, 0.3547, 0.3421
Android (android.graphics.Color)	4288052340 (0xFF967C74)
YUV	130.8620, -7.3270, 16.7840
Hunter-Lab	47.0022, 4.7271, 8.2026

Details

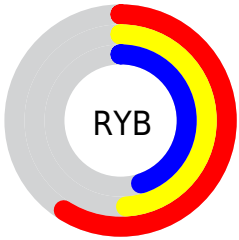
The RYB color 150, 126, 116 is a dark color, and the websafe version is hex 996666. A complement of this color would be 116, 131, 150, and the grayscale version is 131, 131, 131.

A 20% lighter version of the original color is 205, 180, 168, and 99, 77, 68 is the 20% darker color. If you saturate the color by 10%, you get 150, 115, 101, and if you desaturate by 10%, it is 150, 136, 131.

Distribution

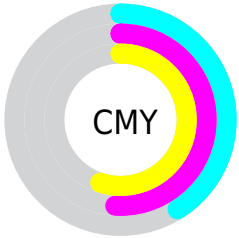


- Red (59%)
- Green (49%)
- Blue (45%)



- Red (59%)
- Yellow (49%)
- Blue (45%)

- Cyan (0%)
- Magenta (18%)
- Yellow (23%)
- Black (41%)



- Cyan (41%)
- Magenta (51%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 150, 126, 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 150, 126, 116 by changing the saturation by 10% instead.

150, 126, 116	150, 126, 116
255, 255, 255	124, 102, 91
205, 178, 168	99, 77, 68
233, 207, 195	74, 54, 46
255, 236, 223	51, 33, 25
252, 255, 252	32, 9, 0
	0, 0, 0

150, 126, 116	150, 126, 116
150, 115, 101	150, 136, 131
150, 106, 86	150, 147, 146

150, 94, 71

150, 83, 56

150, 73, 41

150, 62, 26

150, 53, 11

150, 44, 0

150, 155, 161

150, 161, 176

150, 168, 191

150, 174, 206

150, 181, 221

150, 187, 236

150, 194, 251

Harmonies

Analogous

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

151, 122, 125

150, 126, 116

144, 144, 110

Triad

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

150, 126, 116

111, 127, 135

123, 128, 149

Complementary

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

150, 126, 116

116, 131, 150

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.

111, 125, 149

150, 126, 116

104, 121, 136

Square

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

150, 126, 116

114, 133, 126

104, 121, 143

136, 125, 145

Rectangle

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

150, 126, 116

120, 137, 109

104, 121, 143

119, 127, 150

Sweetspot

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

150, 126, 116

194, 184, 180

150, 116, 143

97, 92, 89

224, 224, 224

97, 97, 97

Same Dimension

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

150, 126, 116

194, 157, 141

130, 150, 116

74, 68, 67

138, 40, 0

10, 3, 0

Inverse Universe

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

116, 131, 150

141, 164, 194

116, 124, 150

67, 70, 74

0, 60, 138

0, 4, 10

Previews

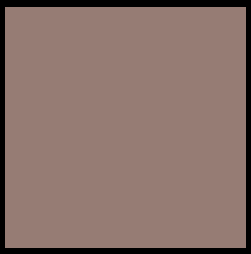
White Background

This preview shows how the RYB color 150, 126, 116 looks on a white 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

Black Background



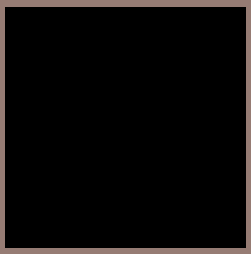
This preview shows how the RYB color 150, 126, 116 looks on a black background.

Color Contrast Check

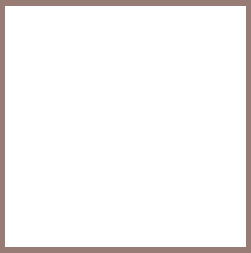
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✕ Fail

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

RYB 150, 126, 116 Background



This preview shows how black text looks on a background with the RYB color 150, 126, 116.

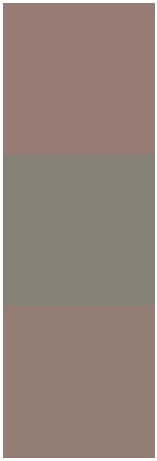


This preview shows how white text looks on a background with the RYB color 150, 126, 116.

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



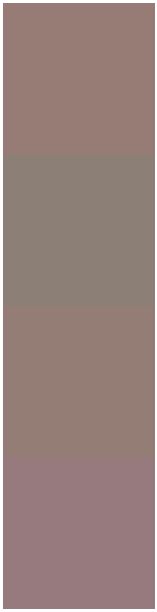
Original Color
150, 126, 116

Protanopia
127, 134, 119

Deuteranopia
147, 129, 116

Tritanopia
152, 121, 131

Trichromacy



Original Color
150, 126, 116

Protanomaly
140, 133, 118

Deuteranomaly
148, 129, 116

Tritanomaly
151, 122, 126

Monochromacy

Original Color
150, 126, 116

Achromatopsia
131, 131, 131

Achromatomaly
138, 128, 126

CSS Examples

Text

The CSS property to change the color of the text to RYB 150, 126, 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(150, 124, 116) looks like.

```
.text, #text, p{
    color:rgb(150, 124, 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(150, 124, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 124, 116) }
```

Border

The CSS property to change the border of an element to RYB 150, 126, 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(150, 124, 116) }
```

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

```
.border{ border-color:rgb(150, 124, 116) }
```

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

Here you see how a box with a 4 pixel rgb(150, 124, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(150, 124, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(150, 124, 116); box-shadow:4px 4px 4px 4px rgb(150, 124, 116) }
```

Background

The CSS property to change the background color of an element to RYB 150, 126, 116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(150, 124, 116) }
```

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

```
.background{ background-color:rgb(150,
124, 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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