

Converting Colors

`RYB(165, 126, 124)`

Have a look what the booklet for
RYB(165, 126, 124) contains.

RYB(165, 126, 124)	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

R_YB(165, 126, 124)

Conversions

Conversions Part 1

Format	Color
Hex	A57E7C
RGB	165, 126, 124
RGB Percent	65%, 49%, 49%
CMY	0.3529, 0.5062, 0.5137
CMYK	0.00, 0.24, 0.25, 0.35
HSL	3°, 19%, 57%
HSV	3°, 25%, 65%
XYZ	26.6041, 24.3525, 22.3671
YIQ	137.4330, 23.8860, 7.6460

Conversions

Conversions Part 2

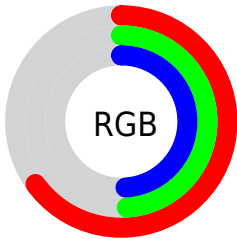
Format	Color
R_{YB}	165, 126, 124
Decimal	10845820
CIE Lab	56.44, 14.83, 6.89
CIE LCh	56, 16.353, 24.904
Yxy	24.3525, 0.3628, 0.3321
Android (android.graphics.Color)	4289035900 (0xFFA57E7C)
YUV	137.4330, -6.6225, 24.1763
Hunter-Lab	49.3482, 9.8716, 7.6706

Details

The RYB color **165, 126, 124** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **124, 144, 165**, and the grayscale version is **137, 137, 137**.

A 20% lighter version of the original color is **221, 179, 176**, and **112, 77, 75** is the 20% darker color. If you saturate the color by 10%, you get **165, 110, 107**, and if you desaturate by 10%, it is **165, 142, 140**.

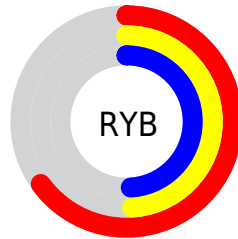
Distribution



Red (65%)

Green (49%)

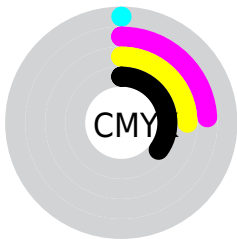
Blue (49%)



Red (65%)

Yellow (49%)

Blue (49%)

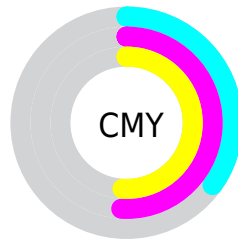


Cyan (0%)

Magenta (24%)

Yellow (25%)

Black (35%)



Cyan (35%)


Magenta (51%)

Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the RYB color 165, 126, 124 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 165, 126, 124 by changing the saturation by 10% instead.

 165, 126, 124

255, 255, 255

 221, 179, 176

 250, 206, 204


 255, 235, 232

 165, 126, 124

 138, 101, 99

 112, 77, 75

 87, 54, 53

 63, 32, 32

 41, 12, 7

 0, 0, 0


 165, 126, 124

 165, 110, 107

 165, 94, 91

 165, 126, 124

 165, 142, 140

 165, 157, 157

 165, 79, 74

 165, 169, 173

 165, 63, 58

 165, 177, 190

 165, 47, 42

 165, 185, 206

 165, 32, 25

 165, 193, 223

 165, 16, 8

 165, 201, 239

 165, 8, 0

 165, 209, 255

 165, 210, 255

Harmonies

Analogous

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



162, 126, 138



165, 126, 124



160, 137, 113

Triad

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



165, 126, 124



117, 140, 142



116, 131, 163

Complementary

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



165, 126, 124



124, 144, 165

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.



101, 125, 158



165, 126, 124



103, 126, 143

Square

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



165, 126, 124



109, 138, 113



97, 121, 147



135, 133, 161

Rectangle

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



165, 126, 124



147, 153, 108



97, 121, 147



110, 129, 162

Sweetspot

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



165, 126, 124



214, 200, 199



165, 124, 164



107, 99, 99



235, 235, 235



107, 107, 107

Same Dimension

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



165, 126, 124



214, 153, 150



159, 165, 124



82, 74, 73



145, 7, 0



18, 1, 0

Inverse Universe

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



124, 144, 165



150, 181, 214



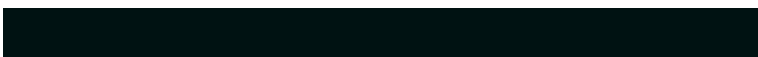
124, 137, 165



73, 77, 82



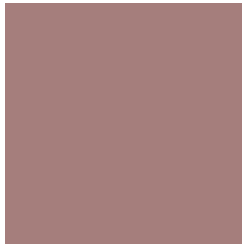
0, 71, 145



0, 9, 18

Previews

White Background



This preview shows how the RYB color 165, 126, 124 looks on a white background.

Color Contrast Check

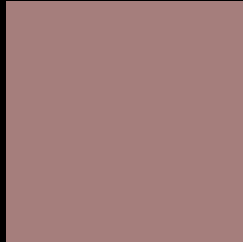
Large Text (above 18pt) WCAG AA ✓ Pass

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 165, 126, 124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

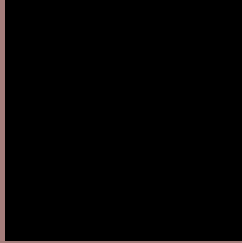
Any Text WCAG AA ✓ Pass

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 165, 126, 124 Background



This preview shows how black text looks on a background with the RYB color 165, 126, 124.



This preview shows how white text looks on a background with the RYB color 165, 126, 124.

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
165, 126, 124

Protanopia
138, 140, 129

Deuteranopia
153, 134, 123



Tritanopia
166, 124, 134

Trichromacy



Original Color

165, 126, 124

Protanomaly

149, 133, 127

Deuteranomaly

157, 130, 123

Tritanomaly

166, 125, 130

Monochromacy



Original Color

165, 126, 124

Achromatopsia

137, 137, 137

Achromatomaly

147, 133, 132

CSS Examples

Text

The CSS property to change the color of the text to RYB 165, 126, 124 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(165, 126, 124) looks like.

```
.text, #text, p{  
    color:rgb(165, 126, 124)  
}
```

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(165, 126, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 126, 124) }
```

Border

The CSS property to change the border of an element to RYB 165, 126, 124 is called "border". The border property can be set on classes, ids or directly on the HTML element.

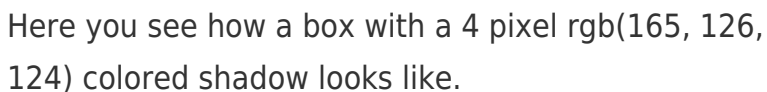
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 126, 124) }
```

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

```
.border{ border-color:rgb(165, 126, 124) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 126, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 126, 124); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 126, 124); box-shadow:4px 4px 4px 4px rgb(165, 126, 124) }
```

Background

The CSS property to change the background color of an element to RYB 165, 126, 124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 126, 124) }
```

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

```
.background{ background-color: rgb(165,  
126, 124) }
```

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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