

Converting Colors

`RYB(164, 126, 137)`

Have a look what the booklet for
RYB(164, 126, 137) contains.

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Color

`RYB(164, 126, 137)`

Conversions

Conversions Part 1

Format	Color
Hex	A47E89
RGB	164, 126, 137
RGB Percent	64%, 49%, 54%
CMY	0.3569, 0.5059, 0.4627
CMYK	0.00, 0.23, 0.16, 0.36
HSL	343°, 17%, 57%
HSV	343°, 23%, 64%
XYZ	27.2861, 24.6204, 26.9810
YIQ	138.6160, 19.1170, 11.4770

Conversions

Conversions Part 2

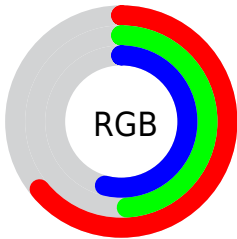
Format	Color
RYB	164, 126, 137
Decimal	10780297
CIELab	56.70, 16.46, -0.27
CIELCh	57, 16.465, 359.060
Yxy	24.6204, 0.3459, 0.3121
Android (android.graphics.Color)	4288970377 (0xFFA47E89)
YUV	138.6160, -0.7967, 22.2618
Hunter-Lab	49.6189, 11.3263, 2.4935

Details

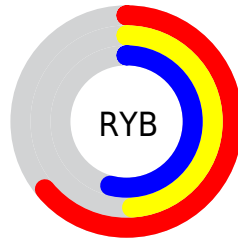
The RYB color **164, 126, 137** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **126, 148, 164**, and the grayscale version is **139, 139, 139**.

A 20% lighter version of the original color is **219, 179, 190**, and **112, 77, 87** is the 20% darker color. If you saturate the color by 10%, you get **164, 110, 125**, and if you desaturate by 10%, it is **164, 142, 149**.

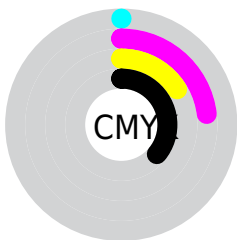
Distribution



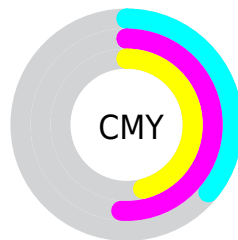
- Red (64%)
- Green (49%)
- Blue (54%)



- Red (64%)
- Yellow (49%)
- Blue (54%)



- Cyan (0%)
- Magenta (23%)
- Yellow (16%)
- Black (36%)



- Cyan (36%)
- Magenta (51%)
- Yellow (46%)


Brightness & Saturation Gradients

These gradients show how the RYB color 164, 126, 137 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 164, 126, 137 by changing the saturation by 10% instead.


 164, 126, 137

255, 255, 255

 219, 179, 190

 248, 206, 218


 255, 235, 247

 164, 126, 137

 137, 101, 112

 112, 77, 87


 87, 54, 64


 63, 32, 42

 40, 11, 22


 6, 0, 0

 0, 0, 0

 164, 126, 137

 164, 110, 125

 164, 126, 137

 164, 142, 149

 164, 93, 114

 164, 159, 160

 164, 77, 102

 164, 170, 175

 164, 60, 90

 164, 180, 192

 164, 44, 79

 164, 190, 208

 164, 28, 67

 164, 199, 224

 164, 11, 55

 164, 209, 241

 164, 0, 47

 164, 217, 255

 164, 213, 255

Harmonies

Analogous

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



154, 128, 151



164, 126, 137



166, 127, 123

Triad

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



164, 126, 137



111, 139, 118



103, 126, 160

Complementary

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



164, 126, 137



126, 148, 164

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.



97, 122, 149



164, 126, 137



116, 139, 143

Square

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



164, 126, 137



127, 148, 108



102, 126, 144



119, 132, 164

Rectangle

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



164, 126, 137



162, 135, 115



102, 126, 144



100, 124, 157

Sweetspot

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



164, 126, 137



214, 199, 204



153, 126, 164



107, 99, 101



235, 235, 235



107, 107, 107

Same Dimension

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



164, 126, 137



214, 154, 172



164, 136, 126



82, 73, 76



145, 0, 42



18, 0, 5

Inverse Universe

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



164, 126, 137



214, 154, 172



126, 143, 164



82, 73, 76



145, 0, 42



18, 0, 5

Previews

White Background



This preview shows how the RYB color 164, 126, 137 looks on a white background.

Color Contrast Check

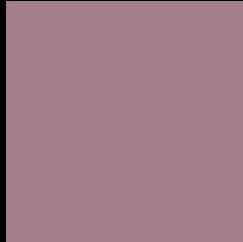
Large Text (above 18pt) WCAG AA ✓ Pass

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 164, 126, 137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

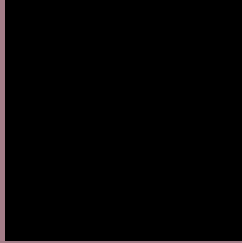
Any Text WCAG AA ✓ Pass

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 164, 126, 137 Background



This preview shows how black text looks on a background with the RYB color 164, 126, 137.



This preview shows how white text looks on a background with the RYB color 164, 126, 137.

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

164, 126, 137

Protanopia

137, 135, 143

Deuteranopia

149, 132, 136



Tritanopia
164, 126, 136

Trichromacy



Original Color

164, 126, 137

Protanomaly

147, 132, 141

Deuteranomaly

154, 130, 136

Tritanomaly

164, 126, 136

Monochromacy



Original Color

164, 126, 137

Achromatopsia

139, 139, 139

Achromatomaly

148, 134, 138

CSS Examples

Text

The CSS property to change the color of the text to RYB 164, 126, 137 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(164, 126, 137) looks like.

```
.text, #text, p{  
    color:rgb(164, 126, 137)  
}
```

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(164, 126, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 126, 137) }
```

Border

The CSS property to change the border of an element to RYB 164, 126, 137 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(164, 126, 137) }
```

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

```
.border{ border-color:rgb(164, 126, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 126, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 126, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 126, 137);  
box-shadow:4px 4px 4px 4px rgb(164, 126,  
137) }
```

Background

The CSS property to change the background color of an element to RYB 164, 126, 137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 126, 137) }
```

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

```
.background{ background-color: rgb(164,  
126, 137) }
```

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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