

Converting Colors

`RYB(164, 119, 127)`

Have a look what the booklet for
RYB(164, 119, 127) contains.

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Color

`RYB(164, 119, 127)`

Conversions

Conversions Part 1

Format	Color
Hex	A4777F
RGB	164, 119, 127
RGB Percent	64%, 47%, 50%
CMY	0.3569, 0.5333, 0.5020
CMYK	0.00, 0.27, 0.23, 0.36
HSL	349°, 20%, 55%
HSV	349°, 27%, 64%
XYZ	25.7374, 22.6185, 23.0880
YIQ	133.3670, 24.2520, 12.0280

Conversions

Conversions Part 2

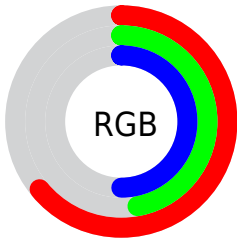
Format	Color
R_{YB}	164, 119, 127
Decimal	10778495
CIE _{Lab}	54.68, 18.84, 2.59
CIE _{LCh}	55, 19.014, 7.842
Yxy	22.6185, 0.3602, 0.3166
Android (android.graphics.Color)	4288968575 (0xFFA4777F)
YUV	133.3670, -3.1389, 26.8651
Hunter-Lab	47.5589, 13.3708, 4.5083

Details

The RYB color **164, 119, 127** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **119, 144, 164**, and the grayscale version is **133, 133, 133**.

A 20% lighter version of the original color is **220, 172, 180**, and **111, 70, 78** is the 20% darker color. If you saturate the color by 10%, you get **164, 103, 114**, and if you desaturate by 10%, it is **164, 135, 140**.

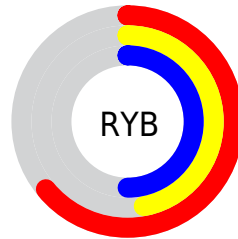
Distribution



Red (64%)

Green (47%)

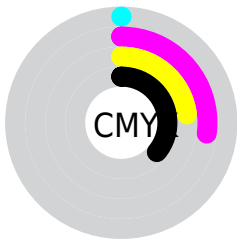
Blue (50%)



Red (64%)

Yellow (47%)

Blue (50%)

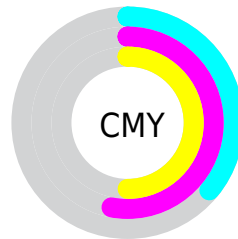


Cyan (0%)

Magenta (27%)

Yellow (23%)

Black (36%)



Cyan (36%)


Magenta (53%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 164, 119, 127 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, 119, 127 by changing the saturation by 10% instead.


 164, 119, 127

255, 255, 255

 220, 172, 180

 249, 199, 207

 255, 227, 235

 164, 119, 127

 137, 94, 102

 111, 70, 78

 86, 47, 55

 62, 25, 34

 40, 2, 12

 0, 0, 0

 164, 119, 127

 164, 103, 114

 164, 86, 100

 164, 119, 127

 164, 135, 140

 164, 152, 154


 164, 70, 87

 164, 166, 168

 164, 53, 73

 164, 176, 185

 164, 37, 60

 164, 184, 201

 164, 21, 46

 164, 193, 217

 164, 4, 33

 164, 203, 234

 164, 0, 29

 164, 211, 250

 164, 211, 255

Harmonies

Analogous

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



156, 121, 144



164, 119, 127



163, 123, 111

Triad

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



164, 119, 127



105, 136, 121



96, 121, 161

Complementary

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



164, 119, 127



119, 144, 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.



84, 114, 150



164, 119, 127



102, 128, 139

Square

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



164, 119, 127



108, 139, 98



88, 115, 140



117, 128, 163

Rectangle

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



164, 119, 127



158, 136, 104



88, 115, 140



91, 118, 158

Sweetspot

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



164, 119, 127



214, 197, 200



156, 119, 164



107, 96, 98



235, 235, 235



107, 107, 107

Same Dimension

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



164, 119, 127



214, 144, 156



164, 139, 119



82, 73, 75



145, 0, 26



18, 0, 3

Inverse Universe

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



164, 119, 127



214, 144, 156



119, 137, 164



82, 73, 75



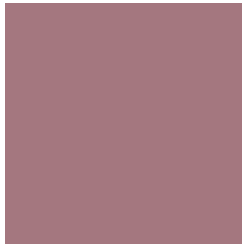
145, 0, 26



18, 0, 3

Previews

White Background



This preview shows how the RYB color 164, 119, 127 looks on a white background.

Color Contrast Check

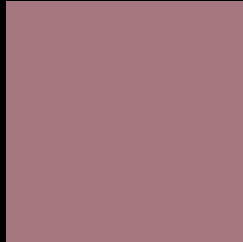
Large Text (above 18pt) WCAG AA ✓ Pass

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, 119, 127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

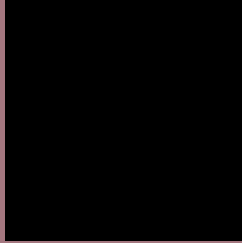
Any Text WCAG AA ✓ Pass

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](#).

R/Y/B 164, 119, 127 Background



This preview shows how black text looks on a background with the R/Y/B color 164, 119, 127.



This preview shows how white text looks on a background with the R/Y/B color 164, 119, 127.

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, 119, 127

Protanopia

133, 130, 134

Deuteranopia

146, 127, 126



Tritanopia
164, 119, 128

Trichromacy



Original Color

164, 119, 127

Protanomaly

144, 126, 131

Deuteranomaly

153, 124, 126

Tritanomaly

164, 119, 128

Monochromacy



Original Color

164, 119, 127

Achromatopsia

133, 133, 133

Achromatomaly

144, 128, 131

CSS Examples

Text

The CSS property to change the color of the text to RYB 164, 119, 127 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, 119, 127) looks like.

```
.text, #text, p{  
    color:rgb(164, 119, 127)  
}
```

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, 119, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 119, 127) }
```

Border

The CSS property to change the border of an element to RYB 164, 119, 127 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, 119, 127) }
```

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

```
.border{ border-color:rgb(164, 119, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 119, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 119, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 119, 127);  
box-shadow:4px 4px 4px 4px rgb(164, 119,  
127) }
```

Background

The CSS property to change the background color of an element to RYB 164, 119, 127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 119, 127) }
```

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

```
.background{ background-color: rgb(164,  
119, 127) }
```

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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