

Converting Colors

`RYB(164, 104, 119)`

Have a look what the booklet for
RYB(164, 104, 119) contains.

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Color

`RYB(164, 104, 119)`

Conversions

Conversions Part 1

Format	Color
Hex	A46877
RGB	164, 104, 119
RGB Percent	64%, 41%, 47%
CMY	0.3569, 0.5922, 0.5333
CMYK	0.00, 0.37, 0.27, 0.36
HSL	345°, 25%, 53%
HSV	345°, 37%, 64%
XYZ	23.5899, 19.1251, 19.9009
YIQ	123.6500, 30.9450, 17.3850

Conversions

Conversions Part 2

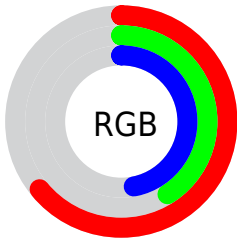
Format	Color
RYB	164, 104, 119
Decimal	10774647
CIELab	50.83, 26.15, 1.73
CIElCh	51, 26.202, 3.782
Yxy	19.1251, 0.3767, 0.3054
Android (android.graphics.Color)	4288964727 (0xFFA46877)
YUV	123.6500, -2.2925, 35.3869
Hunter-Lab	43.7322, 19.7547, 3.6318

Details

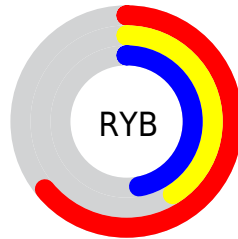
The RYB color **164, 104, 119** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **104, 138, 164**, and the grayscale version is **124, 124, 124**.

A 20% lighter version of the original color is **220, 156, 171**, and **111, 56, 71** is the 20% darker color. If you saturate the color by 10%, you get **164, 88, 107**, and if you desaturate by 10%, it is **164, 120, 131**.

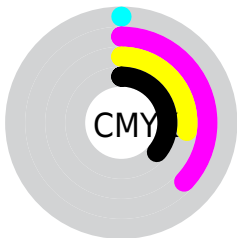
Distribution



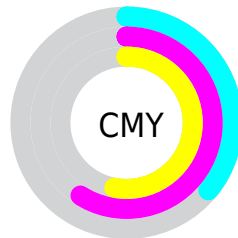
- Red (64%)
- Green (41%)
- Blue (47%)



- Red (64%)
- Yellow (41%)
- Blue (47%)



- Cyan (0%)
- Magenta (37%)
- Yellow (27%)
- Black (36%)



- Cyan (36%)
- Magenta (59%)
- Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the RYB color 164, 104, 119 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, 104, 119 by changing the saturation by 10% instead.

 164, 104, 119


255, 255, 255

 220, 156, 171


 249, 183, 198

 255, 211, 226

 255, 239, 255

 164, 104, 119

 137, 79, 94


 111, 56, 71

 85, 32, 48

 60, 9, 28


 41, 0, 1


 0, 0, 0

 164, 104, 119

 164, 88, 107

 164, 71, 94

 164, 104, 119

 164, 120, 131

 164, 137, 144

164, 55, 82

164, 153, 156

164, 38, 70

164, 168, 170

164, 22, 57

164, 177, 186

164, 6, 45

164, 186, 202

164, 0, 41

164, 196, 219

164, 205, 235

164, 214, 252

Harmonies

Analogous

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



152, 107, 141



164, 104, 119



164, 107, 97

Triad

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



164, 104, 119



83, 127, 100



60, 101, 161

Complementary

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



164, 104, 119



104, 138, 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.



42, 90, 145



164, 104, 119



83, 118, 131

Square

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



164, 104, 119



93, 134, 76



57, 98, 133



95, 114, 165

Rectangle

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



164, 104, 119



157, 122, 86



57, 98, 133



51, 96, 156

Sweetspot

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



164, 104, 119



214, 191, 197



149, 104, 164



107, 93, 97



235, 235, 235



107, 107, 107

Same Dimension

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



164, 104, 119



214, 120, 144



164, 124, 104



82, 73, 75



145, 0, 36



18, 0, 4

Inverse Universe

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



164, 104, 119



214, 120, 144



104, 130, 164



82, 73, 75



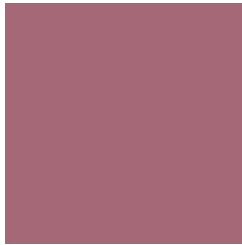
145, 0, 36



18, 0, 4

Previews

White Background



This preview shows how the RYB color 164, 104, 119 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, 104, 119 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, 104, 119 Background



This preview shows how black text looks on a background with the RYB color 164, 104, 119.



This preview shows how white text looks on a background with the RYB color 164, 104, 119.

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, 104, 119

Protanopia
121, 121, 129

Deuteranopia
135, 117, 117



Tritanopia
163, 105, 113

Trichromacy



Original Color

164, 104, 119

Protanomaly

137, 115, 125

Deuteranomaly

146, 112, 118

Tritanomaly

163, 105, 115

Monochromacy



Original Color

164, 104, 119

Achromatopsia

124, 124, 124

Achromatomaly

139, 117, 122

CSS Examples

Text

The CSS property to change the color of the text to RYB 164, 104, 119 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, 104, 119)` looks like.

```
.text, #text, p{  
    color:rgb(164, 104, 119)  
}
```

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, 104, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 104, 119) }
```

Border

The CSS property to change the border of an element to RYB 164, 104, 119 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, 104, 119) }
```

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

```
.border{ border-color:rgb(164, 104, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 104, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 104, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 104, 119);  
box-shadow:4px 4px 4px 4px rgb(164, 104,  
119) }
```

Background

The CSS property to change the background color of an element to RYB 164, 104, 119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 104, 119) }
```

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

```
.background{ background-color: rgb(164,  
104, 119) }
```

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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