

Converting Colors

`RYB(164, 111, 107)`

Have a look what the booklet for
RYB(164, 111, 107) contains.

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Color

R_YB(164, 111, 107)

Conversions

Conversions Part 1

Format	Color
Hex	A46F6B
RGB	164, 111, 107
RGB Percent	64%, 44%, 42%
CMY	0.3569, 0.5657, 0.5804
CMYK	0.00, 0.32, 0.35, 0.36
HSL	4°, 24%, 53%
HSV	4°, 35%, 64%
XYZ	23.6195, 20.2658, 16.5767
YIQ	126.3910, 32.8720, 9.9920

Conversions

Conversions Part 2

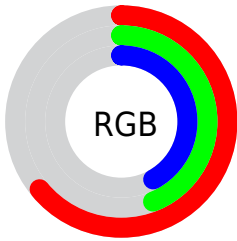
Format	Color
R_{YB}	164, 111, 107
Decimal	10776427
CIE Lab	52.14, 20.66, 10.68
CIE LCh	52, 23.258, 27.345
Yxy	20.2658, 0.3907, 0.3352
Android (android.graphics.Color)	4288966507 (0xFFA46F6B)
YUV	126.3910, -9.5598, 32.9831
Hunter-Lab	45.0175, 14.8737, 9.6800

Details

The RYB color **164, 111, 107** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **107, 134, 164**, and the grayscale version is **126, 126, 126**.

A 20% lighter version of the original color is **220, 163, 158**, and **110, 63, 60** is the 20% darker color. If you saturate the color by 10%, you get **164, 95, 91**, and if you desaturate by 10%, it is **164, 126, 123**.

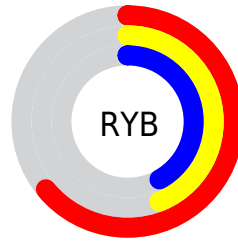
Distribution



Red (64%)

Green (44%)

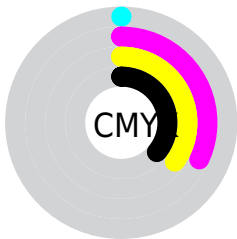
Blue (42%)



Red (64%)

Yellow (44%)

Blue (42%)

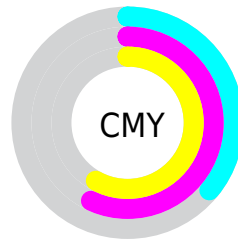


Cyan (0%)

Magenta (32%)

Yellow (35%)

Black (36%)



Cyan (36%)

Magenta (57%)

Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the RYB color 164, 111, 107 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, 111, 107 by changing the saturation by 10% instead.

 164, 111, 107


255, 255, 255

 220, 163, 158

 249, 190, 185

 255, 219, 213

 255, 252, 241

 164, 111, 107

 137, 86, 83

 110, 62, 60

 85, 40, 38

 60, 18, 18


 39, 0, 0


 0, 0, 0


 164, 111, 107

 164, 95, 91

 164, 80, 74

 164, 111, 107

 164, 126, 123

 164, 141, 140

■ 164, 65, 58

■ 164, 157, 156

■ 164, 50, 41

■ 164, 168, 173

■ 164, 35, 25

■ 164, 176, 189

■ 164, 20, 9

■ 164, 184, 205

■ 164, 12, 0

■ 164, 192, 222

■ 164, 200, 238

■ 164, 208, 255

Harmonies

Analogous

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



162, 110, 127



164, 111, 107



156, 132, 91

Triad

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



164, 111, 107



96, 128, 133



96, 117, 164

Complementary

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



164, 111, 107



107, 134, 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.



70, 106, 157



164, 111, 107



74, 108, 135

Square

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



164, 111, 107



89, 129, 99



61, 100, 142



125, 120, 160

Rectangle

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



164, 111, 107



132, 146, 86



61, 100, 142



86, 114, 163

Sweetspot

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



164, 111, 107



214, 194, 193



164, 107, 161



107, 95, 94



235, 235, 235



107, 107, 107

Same Dimension

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



164, 111, 107



214, 130, 124



155, 164, 107



82, 74, 73



145, 11, 0



18, 1, 0

Inverse Universe

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



107, 134, 164



124, 167, 214



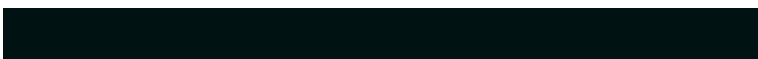
107, 125, 164



73, 77, 82



0, 70, 145



0, 9, 18

Previews

White Background



This preview shows how the RYB color 164, 111, 107 looks on a white background.

Color Contrast Check

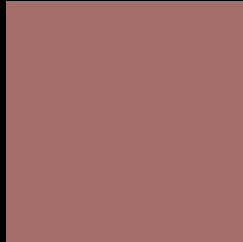
Large Text (above 18pt) WCAG AA ✓ Pass

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, 111, 107 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, 111, 107 Background



This preview shows how black text looks on a background with the RYB color 164, 111, 107.

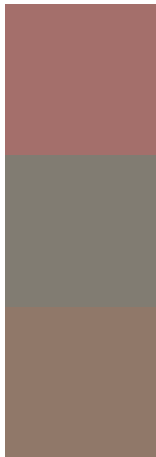


This preview shows how white text looks on a background with the RYB color 164, 111, 107.

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, 111, 107

Protanopia
122, 129, 114

Deuteranopia
144, 129, 105



Tritanopia
165, 109, 117

Trichromacy



Original Color

164, 111, 107

Protanomaly

142, 122, 111

Deuteranomaly

151, 121, 106

Tritanomaly

165, 110, 113

Monochromacy



Original Color

164, 111, 107

Achromatopsia

126, 126, 126

Achromatomaly

140, 120, 119

CSS Examples

Text

The CSS property to change the color of the text to RYB 164, 111, 107 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, 111, 107)` looks like.

```
.text, #text, p{  
    color:rgb(164, 111, 107)  
}
```

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, 111, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 111, 107) }
```

Border

The CSS property to change the border of an element to RYB 164, 111, 107 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, 111, 107) }
```

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

```
.border{ border-color:rgb(164, 111, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 111, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(164, 111, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(164, 111, 107); box-shadow:4px 4px 4px 4px rgb(164, 111, 107) }
```

Background

The CSS property to change the background color of an element to RYB 164, 111, 107 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 111, 107) }
```

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

```
.background{ background-color: rgb(164,  
111, 107) }
```

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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