

Converting Colors

`RYB(170, 167, 164)`

Have a look what the booklet for
RYB(170, 167, 164) contains.

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Color

R_YB(170, 167, 164)

Conversions

Conversions Part 1

Format	Color
Hex	AAA6A4
RGB	170, 166, 164
RGB Percent	67%, 65%, 64%
CMY	0.3333, 0.3490, 0.3569
CMYK	0.00, 0.02, 0.04, 0.33
HSL	20°, 3%, 65%
HSV	20°, 4%, 67%
XYZ	36.9146, 38.4988, 40.6074
YIQ	166.9680, 3.0260, 0.2260

Conversions

Conversions Part 2

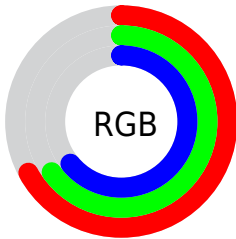
Format	Color
RYB	170, 167, 164
Decimal	11183780
CIELab	68.39, 1.07, 1.53
CIELCh	68, 1.867, 55.192
Yxy	38.4988, 0.3182, 0.3318
Android (android.graphics.Color)	4289373860 (0xFFAAA6A4)
YUV	166.9680, -1.4632, 2.6591
Hunter-Lab	62.0474, -2.3858, 4.6304

Details

The RYB color **170, 167, 164** is a light color, and the websafe version is hex **999999**. A complement of this color would be **164, 166, 170**, and the grayscale version is **167, 167, 167**.

A 20% lighter version of the original color is **225, 222, 219**, and **118, 115, 112** is the 20% darker color. If you saturate the color by 10%, you get **170, 159, 147**, and if you desaturate by 10%, it is **170, 174, 181**.

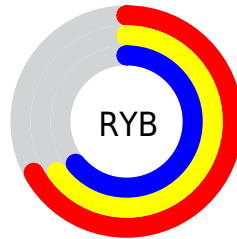
Distribution



Red (67%)

Green (65%)

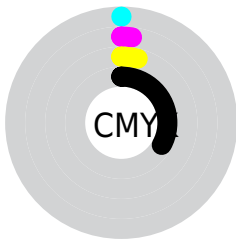
Blue (64%)



Red (67%)

Yellow (65%)

Blue (64%)

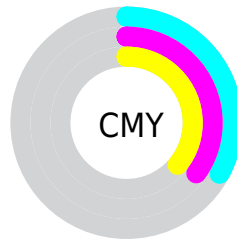


Cyan (0%)

Magenta (2%)

Yellow (4%)

Black (33%)



Cyan (33%)


Magenta (35%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 170, 167, 164 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 170, 167, 164 by changing the saturation by 10% instead.


 170, 167, 164

255, 255, 255


 225, 222, 219

 254, 252, 247

 170, 167, 164

 144, 141, 138

 118, 115, 112

 93, 91, 88

 70, 66, 65


 47, 44, 43


 27, 25, 22

 0, 0, 0


 170, 167, 164


 170, 159, 147


 170, 167, 164


 170, 174, 181


 170, 149, 130


 170, 181, 198

 170, 142, 113


 170, 188, 215

 170, 134, 96


 170, 195, 232

 170, 124, 79

 170, 202, 249

 170, 116, 62

 170, 207, 255

 170, 108, 45

 170, 210, 255

 170, 98, 28

 170, 213, 255

 170, 91, 11

Harmonies

Analogous

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



171, 166, 165



170, 167, 164



166, 169, 163

Triad

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



170, 167, 164



163, 166, 168



167, 166, 170

Complementary

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



170, 167, 164



164, 166, 170

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.



165, 166, 170



170, 167, 164



163, 166, 168

Square

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



170, 167, 164



165, 168, 168



163, 165, 169



169, 166, 169

Rectangle

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



170, 167, 164



163, 167, 163



163, 165, 169



166, 167, 170

Sweetspot

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



170, 167, 164



222, 220, 220



170, 164, 168



112, 111, 111



240, 240, 240



112, 112, 112

Same Dimension

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



170, 167, 164



222, 218, 213



165, 170, 164



84, 81, 80



148, 73, 0



20, 11, 0

Inverse Universe

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



164, 166, 170



213, 217, 222



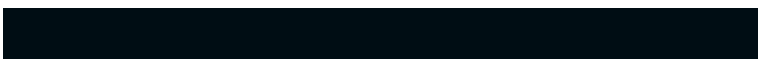
164, 165, 170



80, 82, 84



0, 59, 148



0, 8, 20

Previews

White Background



This preview shows how the RYB color 170, 167, 164 looks on a white background.

Color Contrast Check

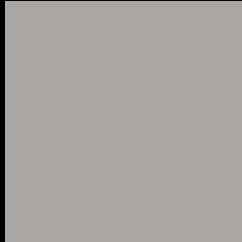
Large Text (above 18pt) WCAG AA × Fail

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 170, 167, 164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

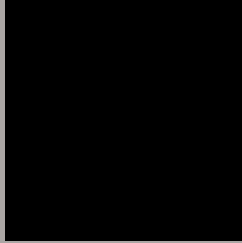
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

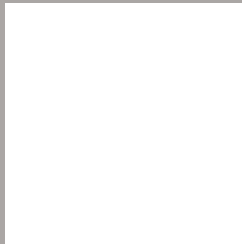
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

R/Y/B 170, 167, 164 Background



This preview shows how black text looks on a background with the R/Y/B color 170, 167, 164.



This preview shows how white text looks on a background with the R/Y/B color 170, 167, 164.

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
170, 167, 164

Protanopia
170, 167, 164

Deuteranopia
183, 161, 165



Tritanopia
172, 164, 177

Trichromacy



Original Color

170, 167, 164

Protanomaly

170, 167, 164

Deuteranomaly

178, 163, 165

Tritanomaly

171, 165, 172

Monochromacy



Original Color

170, 167, 164

Achromatopsia

167, 167, 167

Achromatomaly

168, 168, 166

CSS Examples

Text

The CSS property to change the color of the text to RYB 170, 167, 164 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(170, 166, 164) looks like.

```
.text, #text, p{  
    color:rgb(170, 166, 164)  
}
```

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(170, 166, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 166, 164) }
```

Border

The CSS property to change the border of an element to RYB 170, 167, 164 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(170, 166, 164) }
```

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

```
.border{ border-color:rgb(170, 166, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 166, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 166, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 166, 164);  
box-shadow:4px 4px 4px 4px rgb(170, 166,  
164) }
```

Background

The CSS property to change the background color of an element to RYB 170, 167, 164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 166, 164) }
```

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

```
.background{ background-color: rgb(170,  
166, 164) }
```

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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