

Converting Colors

`RYB(166, 182, 174)`

Have a look what the booklet for
RYB(166, 182, 174) contains.

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Color

R_YB(166, 182, 174)

Conversions

Conversions Part 1

Format	Color
Hex	AEB6A6
RGB	174, 182, 166
RGB Percent	68%, 71%, 65%
CMY	0.3176, 0.2863, 0.3490
CMYK	0.04, 0.00, 0.09, 0.29
HSL	90°, 10%, 68%
HSV	90°, 9%, 71%
XYZ	41.0664, 45.2077, 42.6379
YIQ	177.7840, 0.3680, -6.6720

Conversions

Conversions Part 2

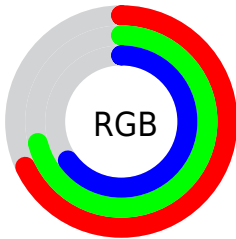
Format	Color
RYB	166, 182, 174
Decimal	11450022
CIELab	73.03, -5.75, 7.18
CIELCh	73, 9.194, 128.697
Yxy	45.2077, 0.3186, 0.3507
Android (android.graphics.Color)	4289640102 (0xFFAEB6A6)
YUV	177.7840, -5.8095, -3.3186
Hunter-Lab	67.2367, -8.6410, 9.4671

Details

The RYB color **166, 182, 174** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **174, 166, 182**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **221, 238, 230**, and **114, 129, 121** is the 20% darker color. If you saturate the color by 10%, you get **148, 182, 165**, and if you desaturate by 10%, it is **183, 182, 184**.

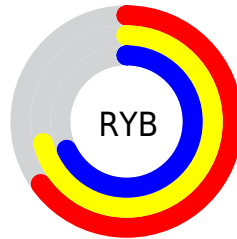
Distribution



Red (68%)

Green (71%)

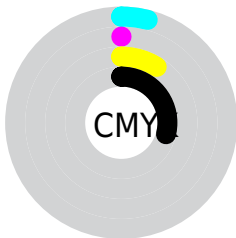
Blue (65%)



Red (65%)

Yellow (71%)

Blue (68%)

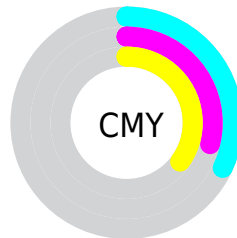


Cyan (4%)

Magenta (0%)

Yellow (9%)

Black (29%)



Cyan (32%)

Magenta (29%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 166, 182, 174 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 166, 182, 174 by changing the saturation by 10% instead.

 166, 182, 174


255, 255, 255


 221, 238, 230

 250, 255, 250

 166, 182, 174

 140, 155, 148

 114, 129, 121

 90, 104, 97

 66, 80, 73

 44, 57, 51

 24, 36, 31

 0, 14, 12


 0, 0, 0

 166, 182, 174


 166, 182, 174


 148, 182, 165


 183, 182, 184


 130, 182, 156


 192, 182, 202

 111, 182, 146


 201, 182, 221


 93, 182, 137


 210, 182, 239

 75, 182, 128


 219, 182, 255

 57, 182, 120


 229, 182, 255

 39, 182, 111

 238, 182, 255

 20, 182, 101

 247, 182, 255

 2, 182, 92

 255, 182, 255

Harmonies

Analogous

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



170, 184, 163



166, 182, 174



165, 178, 184

Triad

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



166, 182, 174



164, 175, 195



197, 174, 177

Complementary

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



166, 182, 174



174, 166, 182

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.



193, 174, 186



166, 182, 174



174, 178, 196

Square

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



166, 182, 174



159, 173, 189



184, 176, 192



197, 177, 169

Rectangle

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



166, 182, 174



161, 174, 184



184, 176, 192



196, 174, 180

Sweetspot

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



166, 182, 174



230, 237, 233



182, 182, 166



115, 120, 118



247, 247, 247



120, 120, 120

Same Dimension

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



166, 182, 174



211, 237, 224



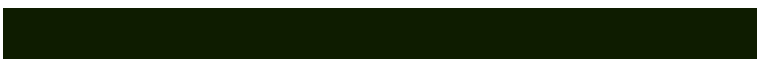
166, 182, 182



83, 92, 88



0, 156, 78



0, 28, 14

Inverse Universe

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



174, 166, 182



224, 211, 237



182, 166, 182



87, 83, 92



78, 0, 156



14, 0, 28

Previews

White Background



This preview shows how the RYB color 166, 182, 174 looks on a white background.

Color Contrast Check

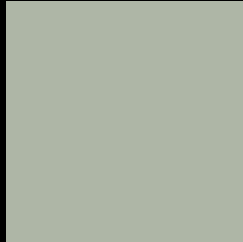
Large Text (above 18pt) WCAG AA × Fail

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 166, 182, 174 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](#).

RYB 166, 182, 174 Background



This preview shows how black text looks on a background with the RYB color 166, 182, 174.



This preview shows how white text looks on a background with the RYB color 166, 182, 174.

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
166, 182, 174

Protanopia
177, 186, 164

Deuteranopia
201, 174, 168



Tritanopia
178, 178, 192

Trichromacy



Original Color

166, 182, 174

Protanomaly

169, 182, 165

Deuteranomaly

191, 181, 167

Tritanomaly

177, 179, 183

Monochromacy



Original Color

166, 182, 174

Achromatopsia

178, 178, 178

Achromatomaly

174, 179, 176

CSS Examples

Text

The CSS property to change the color of the text to RGB 166, 182, 174 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(174, 182, 166) looks like.

```
.text, #text, p{  
    color:rgb(174, 182, 166)  
}
```

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(174, 182, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 182, 166) }
```

Border

The CSS property to change the border of an element to RYB 166, 182, 174 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(174, 182, 166) }
```

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

```
.border{ border-color:rgb(174, 182, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 182, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 182, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 182, 166);  
box-shadow:4px 4px 4px 4px rgb(174, 182,  
166) }
```

Background

The CSS property to change the background color of an element to RYB 166, 182, 174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 182, 166) }
```

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

```
.background{ background-color: rgb(174,  
182, 166) }
```

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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