

Converting Colors

`RYB(180, 144, 144)`

Have a look what the booklet for
RYB(180, 144, 144) contains.

RYB(180, 144, 144)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

$\text{RYB}(180, 144, 144)$

Conversions

Conversions Part 1

Format	Color
Hex	B49090
RGB	180, 144, 144
RGB Percent	71%, 56%, 56%
CMY	0.2941, 0.4353, 0.4353
CMYK	0.00, 0.20, 0.20, 0.29
HSL	0°, 19%, 64%
HSV	0°, 20%, 71%
XYZ	33.8297, 31.6634, 30.7142
YIQ	154.7640, 21.4560, 7.6320

Conversions

Conversions Part 2

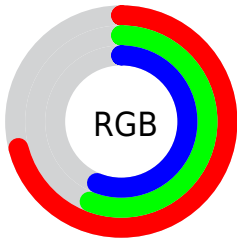
Format	Color
RYB	180, 144, 144
Decimal	11833488
CIELab	63.06, 13.55, 5.15
CIELCh	63, 14.496, 20.811
Yxy	31.6634, 0.3516, 0.3291
Android (android.graphics.Color)	4290023568 (0xFFB49090)
YUV	154.7640, -5.3067, 22.1320
Hunter-Lab	56.2703, 8.8412, 7.0267

Details

The RYB color **180, 144, 144** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **144, 162, 180**, and the grayscale version is **155, 155, 155**.

A 20% lighter version of the original color is **236, 198, 198**, and **127, 93, 94** is the 20% darker color. If you saturate the color by 10%, you get **180, 126, 126**, and if you desaturate by 10%, it is **180, 162, 162**.

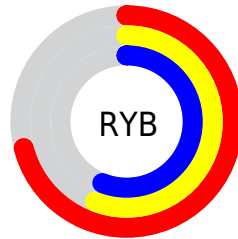
Distribution



Red (71%)

Green (56%)

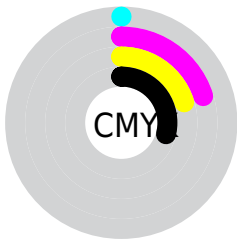
Blue (56%)



Red (71%)

Yellow (56%)

Blue (56%)

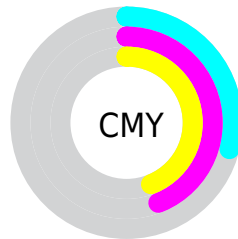


Cyan (0%)

Magenta (20%)

Yellow (20%)

Black (29%)



Cyan (29%)


Magenta (44%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 180, 144, 144 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 180, 144, 144 by changing the saturation by 10% instead.


 180, 144, 144


255, 255, 255

 236, 198, 198


 255, 226, 226

254, 255, 254


 180, 144, 144

 153, 118, 118

 127, 93, 94

 101, 70, 70

 77, 47, 48

 53, 26, 27


 34, 0, 0

 0, 0, 0


 180, 144, 144

 180, 126, 126


 180, 144, 144

 180, 162, 162


 180, 108, 108

 180, 180, 180

 180, 90, 90

 180, 189, 198

 180, 72, 72

 180, 198, 216

 180, 54, 54

 180, 207, 234

 180, 36, 36

 180, 216, 252

 180, 18, 18

 180, 218, 255

 180, 0, 0

Harmonies

Analogous

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



176, 144, 157



180, 144, 144



176, 152, 133

Triad

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



180, 144, 144



136, 158, 156



134, 148, 178

Complementary

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



180, 144, 144



144, 162, 180

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.



122, 143, 172



180, 144, 144



126, 147, 160

Square

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



180, 144, 144



128, 155, 130



119, 140, 161



150, 151, 177

Rectangle

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



180, 144, 144



171, 167, 129



119, 140, 161



129, 146, 177

Sweetspot

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



180, 144, 144



235, 221, 221



180, 144, 180



117, 109, 109



245, 245, 245



117, 117, 117

Same Dimension

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



180, 144, 144



235, 178, 178



180, 180, 144



89, 80, 80



153, 0, 0



26, 0, 0

Inverse Universe

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



144, 162, 180



178, 207, 235



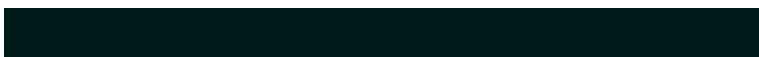
144, 156, 180



80, 85, 89



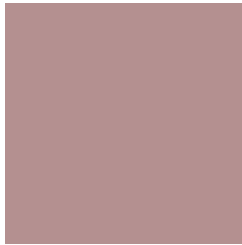
0, 77, 153



0, 13, 26

Previews

White Background



This preview shows how the RYB color 180, 144, 144 looks on a white background.

Color Contrast Check

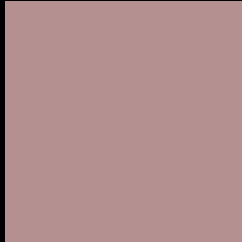
Large Text (above 18pt) WCAG AA × Fail

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 180, 144, 144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

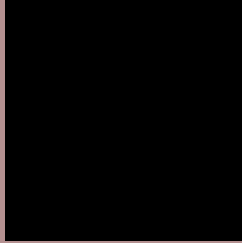
Any Text WCAG AA ✓ Pass

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 180, 144, 144 Background



This preview shows how black text looks on a background with the RYB color 180, 144, 144.



This preview shows how white text looks on a background with the RYB color 180, 144, 144.

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
180, 144, 144

Protanopia
157, 155, 148

Deuteranopia
171, 149, 143



Tritanopia
181, 143, 154

Trichromacy



Original Color

180, 144, 144

Protanomaly

165, 149, 147

Deuteranomaly

174, 148, 143

Tritanomaly

181, 143, 150

Monochromacy



Original Color

180, 144, 144

Achromatopsia

155, 155, 155

Achromatomaly

164, 151, 151

CSS Examples

Text

The CSS property to change the color of the text to RYB 180, 144, 144 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(180, 144, 144)` looks like.

```
.text, #text, p{  
    color:rgb(180, 144, 144)  
}
```

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(180, 144, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 144, 144) }
```

Border

The CSS property to change the border of an element to RYB 180, 144, 144 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(180, 144, 144) }
```

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

```
.border{ border-color:rgb(180, 144, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 144, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 144, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 144, 144);  
box-shadow:4px 4px 4px 4px rgb(180, 144,  
144) }
```

Background

The CSS property to change the background color of an element to RYB 180, 144, 144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 144, 144) }
```

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

```
.background{ background-color: rgb(180,  
144, 144) }
```

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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