

Converting Colors

`RYB(186, 135, 132)`

Have a look what the booklet for
RYB(186, 135, 132) contains.

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Color

R_YB(186, 135, 132)

Conversions

Conversions Part 1

Format	Color
Hex	BA8784
RGB	186, 135, 132
RGB Percent	73%, 53%, 52%
CMY	0.2706, 0.4712, 0.4824
CMYK	0.00, 0.28, 0.29, 0.27
HSL	3°, 28%, 62%
HSV	3°, 29%, 73%
XYZ	33.0565, 29.3890, 25.7602
YIQ	149.9070, 31.3590, 9.8790

Conversions

Conversions Part 2

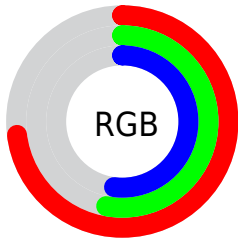
Format	Color
RYB	186, 135, 132
Decimal	12224388
CIELab	61.12, 19.19, 9.27
CIElCh	61, 21.317, 25.789
Yxy	29.3890, 0.3748, 0.3332
Android (android.graphics.Color)	4290414468 (0xFFBA8784)
YUV	149.9070, -8.8282, 31.6536
Hunter-Lab	54.2116, 13.9734, 9.7748

Details

The RYB color **186, 135, 132** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **132, 158, 186**, and the grayscale version is **150, 150, 150**.

A 20% lighter version of the original color is **243, 189, 185**, and **132, 85, 83** is the 20% darker color. If you saturate the color by 10%, you get **186, 117, 113**, and if you desaturate by 10%, it is **186, 152, 151**.

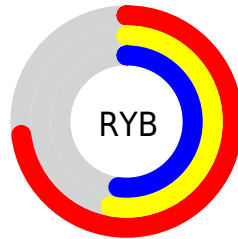
Distribution



Red (73%)

Green (53%)

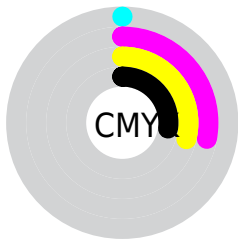
Blue (52%)



Red (73%)

Yellow (53%)

Blue (52%)

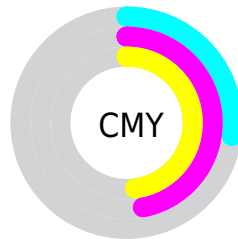


Cyan (0%)

Magenta (28%)

Yellow (29%)

Black (27%)



Cyan (27%)

Magenta (47%)

Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the RYB color 186, 135, 132 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 186, 135, 132 by changing the saturation by 10% instead.


 186, 135, 132


255, 255, 255

 243, 188, 185


 255, 216, 213

 255, 247, 241

 186, 135, 132

 158, 109, 107

 132, 85, 83

 105, 61, 60

 80, 39, 38

 56, 17, 17


 35, 0, 0


 0, 0, 0

 186, 135, 132

 186, 117, 113


 186, 135, 132

 186, 152, 151

 186, 100, 95

 186, 170, 169

 186, 82, 76

 186, 187, 188

 186, 64, 58

 186, 196, 206

 186, 47, 39

 186, 205, 225

 186, 30, 20

 186, 214, 244

 186, 11, 2

 186, 221, 255

 186, 11, 0

Harmonies

Analogous

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



183, 134, 151



186, 135, 132



179, 151, 117

Triad

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



186, 135, 132



123, 153, 156



121, 141, 185

Complementary

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



186, 135, 132



132, 158, 186

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.



100, 132, 178



186, 135, 132



103, 135, 158

Square

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



186, 135, 132



113, 151, 120



93, 127, 163



147, 144, 181

Rectangle

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



186, 135, 132



161, 170, 111



93, 127, 163



113, 138, 184

Sweetspot

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



186, 135, 132



242, 222, 220



186, 132, 183



122, 110, 109



250, 250, 250



122, 122, 122

Same Dimension

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



186, 135, 132



242, 162, 157



175, 186, 132



92, 83, 83



156, 8, 0



28, 1, 0

Inverse Universe

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



132, 158, 186



157, 198, 242



132, 149, 186



83, 87, 92



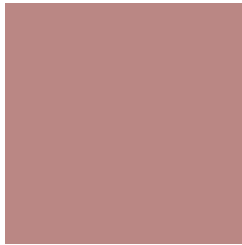
0, 76, 156



0, 14, 28

Previews

White Background



This preview shows how the RYB color 186, 135, 132 looks on a white background.

Color Contrast Check

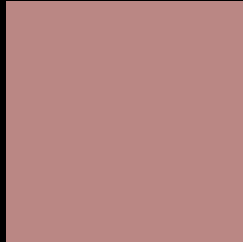
Large Text (above 18pt) WCAG AA ✓ Pass

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 186, 135, 132 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 186, 135, 132 Background



This preview shows how black text looks on a background with the RYB color 186, 135, 132.



This preview shows how white text looks on a background with the RYB color 186, 135, 132.

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





Tritanopia
187, 133, 143

Trichromacy



Original Color

186, 135, 132

Protanomaly

165, 145, 136

Deuteranomaly

175, 141, 131

Tritanomaly

187, 134, 139

Monochromacy



Original Color

186, 135, 132

Achromatopsia

150, 150, 150

Achromatomaly

163, 144, 143

CSS Examples

Text

The CSS property to change the color of the text to RYB 186, 135, 132 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(186, 135, 132)` looks like.

```
.text, #text, p{  
    color:rgb(186, 135, 132)  
}
```

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(186, 135, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 135, 132) }
```

Border

The CSS property to change the border of an element to RYB 186, 135, 132 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(186, 135, 132) }
```

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

```
.border{ border-color:rgb(186, 135, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 135, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 135, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 135, 132);  
box-shadow:4px 4px 4px 4px rgb(186, 135,  
132) }
```

Background

The CSS property to change the background color of an element to RYB 186, 135, 132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 135, 132) }
```

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

```
.background{ background-color: rgb(186,  
135, 132) }
```

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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