

Converting Colors

`RYB(182, 135, 90)`

Have a look what the booklet for
RYB(182, 135, 90) contains.

RYB(182, 135, 90)	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

$\text{RYB}(182, 135, 90)$

Conversions

Conversions Part 1

Format	Color
Hex	B6785A
RGB	182, 120, 90
RGB Percent	71%, 47%, 35%
CMY	0.2863, 0.5286, 0.6471
CMYK	0.00, 0.34, 0.51, 0.29
HSL	20°, 39%, 53%
HSV	20°, 51%, 71%
XYZ	27.8797, 24.1689, 12.8685
YIQ	135.1180, 46.5820, 3.8140

Conversions

Conversions Part 2

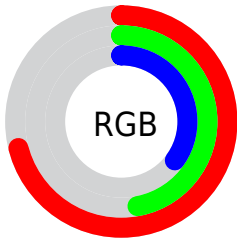
Format	Color
R_{YB}	182, 135, 90
Decimal	11958362
CIE Lab	56.26, 20.76, 26.43
CIE LCh	56, 33.612, 51.846
Yxy	24.1689, 0.4295, 0.3723
Android (android.graphics.Color)	4290148442 (0xFFB6785A)
YUV	135.1180, -22.2432, 41.1155
Hunter-Lab	49.1619, 15.1939, 18.8937

Details

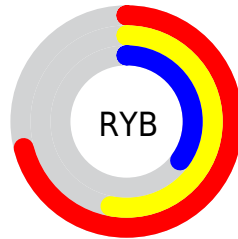
The RYB color **182, 135, 90** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **90, 127, 182**, and the grayscale version is **135, 135, 135**.

A 20% lighter version of the original color is **240, 189, 140**, and **126, 84, 44** is the 20% darker color. If you saturate the color by 10%, you get **182, 126, 72**, and if you desaturate by 10%, it is **182, 144, 108**.

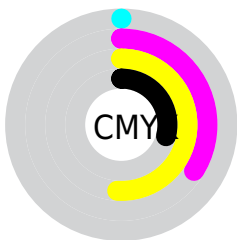
Distribution



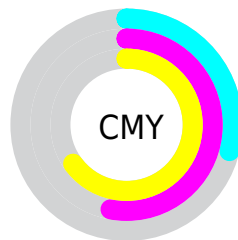
- Red (71%)
- Green (47%)
- Blue (35%)



- Red (71%)
- Yellow (53%)
- Blue (35%)



- Cyan (0%)
- Magenta (34%)
- Yellow (51%)
- Black (29%)



- Cyan (29%)
- Magenta (53%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the RYB color 182, 135, 90 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 182, 135, 90 by changing the saturation by 10% instead.



182, 135, 90



182, 135, 90

255, 255, 255



154, 109, 66



240, 189, 140



126, 84, 44



255, 220, 167



99, 61, 22



242, 255, 194



73, 40, 0



222, 255, 222



47, 4, 0



251, 255, 251



12, 0, 0



0, 0, 0



182, 135, 90



182, 135, 90



182, 126, 72



182, 144, 108

■ 182, 117, 54

■ 182, 155, 126

■ 182, 109, 35

■ 182, 163, 145

■ 182, 97, 17

■ 182, 172, 163

■ 182, 90, 0

■ 182, 181, 181

■ 182, 189, 199

■ 182, 196, 217

■ 182, 204, 236

■ 182, 211, 254

Harmonies

Analogous

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



192, 113, 115



182, 135, 90



126, 161, 77

Triad

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



182, 135, 90



58, 111, 150



126, 130, 189

Complementary

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



182, 135, 90



90, 127, 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.



76, 117, 192



182, 135, 90



0, 76, 156

Square

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



182, 135, 90



98, 146, 146



0, 81, 180



164, 120, 171

Rectangle

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



182, 135, 90



82, 142, 77



0, 81, 180



111, 129, 192

Sweetspot

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



182, 135, 90



237, 218, 202



182, 90, 153



120, 108, 98



247, 247, 247



120, 120, 120

Same Dimension

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



182, 135, 90



237, 164, 92



111, 182, 90



92, 88, 83



156, 76, 0



28, 13, 0

Inverse Universe

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



90, 127, 182



92, 150, 237



90, 104, 182



83, 87, 92



0, 62, 156



0, 11, 28

Previews

White Background



This preview shows how the RYB color 182, 135, 90 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 182, 135, 90 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

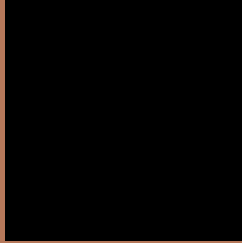
Any Text WCAG AA ✓ Pass

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 182, 135, 90 Background



This preview shows how black text looks on a background with the RYB color 182, 135, 90.



This preview shows how white text looks on a background with the RYB color 182, 135, 90.

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
182, 135, 90

Protanopia
110, 146, 96

Deuteranopia
150, 163, 88



Tritanopia
185, 116, 124

Trichromacy



Original Color

182, 135, 90

Protanomaly

146, 159, 94

Deuteranomaly

170, 157, 89

Tritanomaly

184, 119, 112

Monochromacy



Original Color

182, 135, 90

Achromatopsia

135, 135, 135

Achromatomaly

152, 136, 119

CSS Examples

Text

The CSS property to change the color of the text to RYB 182, 135, 90 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(182, 120, 90)` looks like.

```
.text, #text, p{  
    color:rgb(182, 120, 90)  
}
```

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(182, 120, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 120, 90) }
```

Border

The CSS property to change the border of an element to RYB 182, 135, 90 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(182, 120, 90) }
```

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

```
.border{ border-color:rgb(182, 120, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 120, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 120, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 120, 90);  
box-shadow:4px 4px 4px 4px rgb(182, 120,  
90) }
```

Background

The CSS property to change the background color of an element to RGB 182, 120, 90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 120, 90) }
```

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

```
.background{ background-color: rgb(182,  
120, 90) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor