

Converting Colors

`RYB(188, 181, 170)`

Have a look what the booklet for
RYB(188, 181, 170) contains.

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Color

R_YB(188, 181, 170)

Conversions

Conversions Part 1

Format	Color
Hex	BCB1AA
RGB	188, 177, 170
RGB Percent	74%, 69%, 67%
CMY	0.2627, 0.3066, 0.3333
CMYK	0.00, 0.06, 0.10, 0.26
HSL	23°, 12%, 70%
HSV	23°, 10%, 74%
XYZ	43.6828, 44.9699, 44.4079
YIQ	179.4910, 8.8030, 0.1550

Conversions

Conversions Part 2

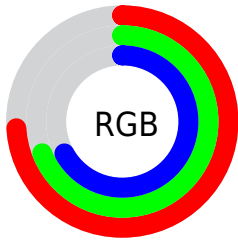
Format	Color
RYB	188, 181, 170
Decimal	12366250
CIELab	72.87, 2.79, 4.91
CIELCh	73, 5.646, 60.397
Yxy	44.9699, 0.3283, 0.3380
Android (android.graphics.Color)	4290556330 (0xFFBCB1AA)
YUV	179.4910, -4.6791, 7.4624
Hunter-Lab	67.0596, -1.0787, 7.6789

Details

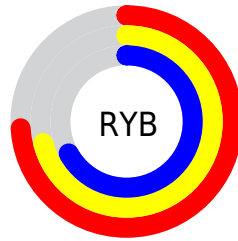
The RYB color **188, 181, 170** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **170, 177, 188**, and the grayscale version is **179, 179, 179**.

A 20% lighter version of the original color is **244, 239, 225**, and **135, 127, 118** is the 20% darker color. If you saturate the color by 10%, you get **188, 174, 151**, and if you desaturate by 10%, it is **188, 188, 189**.

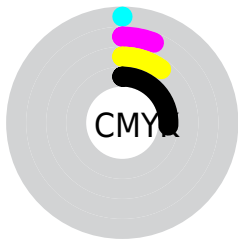
Distribution



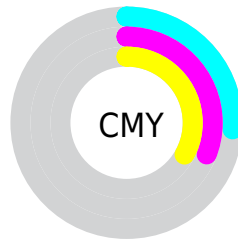
- Red (74%)
- Green (69%)
- Blue (67%)



- Red (74%)
- Yellow (71%)
- Blue (67%)



- Cyan (0%)
- Magenta (6%)
- Yellow (10%)
- Black (26%)



- Cyan (26%)
- Magenta (31%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 188, 181, 170 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 188, 181, 170 by changing the saturation by 10% instead.

■ 188, 181, 170

255, 255, 255

■ 244, 236, 225

254, 255, 254

■ 188, 181, 170

■ 161, 153, 144

■ 135, 127, 118

■ 109, 103, 93

■ 85, 80, 70

■ 62, 57, 47

■ 40, 35, 27

■ 20, 13, 0

■ 0, 0, 0

■ 188, 181, 170

■ 188, 181, 170

■ 188, 174, 151

■ 188, 188, 189

■ 188, 166, 132

■ 188, 196, 208

■ 188, 159, 114

■ 188, 203, 226

■ 188, 151, 95

■ 188, 210, 245

■ 188, 143, 76

■ 188, 216, 255

■ 188, 138, 57

■ 188, 219, 255

■ 188, 130, 38

■ 188, 222, 255

■ 188, 121, 20

■ 188, 115, 1

Harmonies

Analogous

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



190, 176, 174



188, 181, 170



177, 183, 169

Triad

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



188, 181, 170



168, 176, 182



180, 177, 188

Complementary

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



188, 181, 170



170, 177, 188

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.



174, 178, 189



188, 181, 170



166, 174, 184

Square

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



188, 181, 170



172, 179, 181



169, 176, 188



186, 176, 184

Rectangle

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



188, 181, 170



169, 180, 170



169, 176, 188



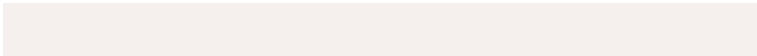
178, 178, 188

Sweetspot

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



188, 181, 170



245, 242, 237



188, 170, 181



122, 119, 118



250, 250, 250



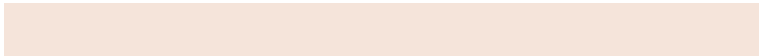
122, 122, 122

Same Dimension

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



188, 181, 170



245, 234, 218



172, 188, 170



94, 90, 85



158, 97, 0



31, 20, 0

Inverse Universe

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



170, 177, 188



218, 228, 245



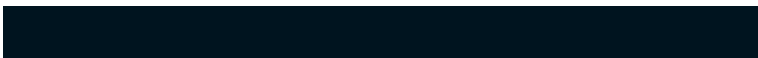
170, 172, 188



85, 89, 94



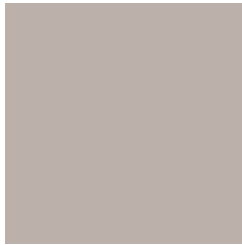
0, 60, 158



0, 12, 31

Previews

White Background



This preview shows how the RYB color 188, 181, 170 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 188, 181, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

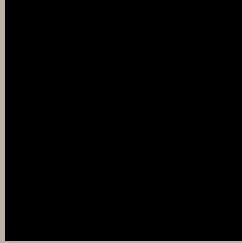
Any Text WCAG AA ✓ Pass

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 188, 181, 170 Background



This preview shows how black text looks on a background with the RYB color 188, 181, 170.



This preview shows how white text looks on a background with the RYB color 188, 181, 170.

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

188, 181, 170

Protanopia

182, 184, 171

Deuteranopia

199, 173, 171



Tritanopia
190, 174, 188

Trichromacy



Original Color

188, 181, 170

Protanomaly

185, 185, 171

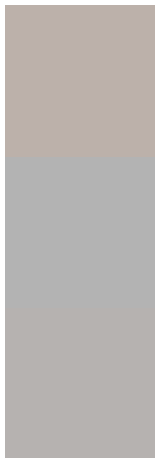
Deuteranomaly

195, 174, 171

Tritanomaly

189, 175, 181

Monochromacy



Original Color

188, 181, 170

Achromatopsia

179, 179, 179

Achromatomaly

182, 179, 176

CSS Examples

Text

The CSS property to change the color of the text to RYB 188, 181, 170 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(188, 177, 170)` looks like.

```
.text, #text, p{  
    color:rgb(188, 177, 170)  
}
```

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(188, 177, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 177, 170) }
```

Border

The CSS property to change the border of an element to RYB 188, 181, 170 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(188, 177, 170) }
```

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

```
.border{ border-color:rgb(188, 177, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 177, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 177, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 177, 170);  
box-shadow:4px 4px 4px 4px rgb(188, 177,  
170) }
```

Background

The CSS property to change the background color of an element to RYB 188, 181, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 177, 170) }
```

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

```
.background{ background-color: rgb(188,  
177, 170) }
```

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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