Converting Colors

RYB(198, 190, 171)

Have a look what the booklet for RYB(198, 190, 171) contains.

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Color

RYB(198, 190, 171)

Conversions

Conversions Part 1

Format	Color
Hex	C6B6AB
RGB	198, 182, 171
RGB Percent	78%, 71%, 67%
CMY	0.2235, 0.2857, 0.3294
CMYK	0.00, 0.08, 0.14, 0.22
HSL	25°, 19%, 72%
HSV	25°, 14%, 78%
XYZ	47.3985, 48.4643, 45.3845
YIQ	185.5300, 13.0670, -0.0290

Conversions

Conversions Part 2

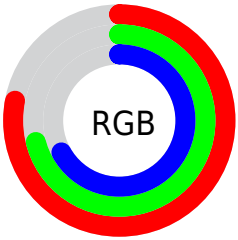
Format	Color
RYB	198, 190, 171
Decimal	13022891
CIELab	75.12, 3.76, 7.70
CIELCh	75, 8.567, 63.990
Yxy	48.4643, 0.3356, 0.3431
Android (android.graphics.Color)	4291212971 (0xFFC6B6AB)
YUV	185.5300, -7.1633, 10.9362
Hunter-Lab	69.6163, -0.2962, 10.0789

Details

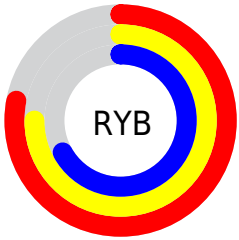
The RYB color 198, 190, 171 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 171, 181, 198, and the grayscale version is 186, 186, 186.

A 20% lighter version of the original color is 255, 246, 226, and 144, 136, 119 is the 20% darker color. If you saturate the color by 10%, you get 198, 186, 151, and if you desaturate by 10%, it is 198, 196, 191.

Distribution

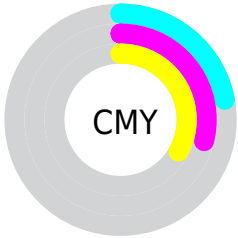


- Red (78%)
- Green (71%)
- Blue (67%)



- Red (78%)
- Yellow (75%)
- Blue (67%)

- Cyan (0%)
- Magenta (8%)
- Yellow (14%)
- Black (22%)



- Cyan (22%)
- Magenta (29%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 198, 190, 171 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 198, 190, 171 by changing the saturation by 10% instead.

198, 190, 171

255, 255, 255

255, 246, 226

198, 190, 171

171, 163, 144

144, 136, 119

118, 111, 94

93, 86, 71

70, 63, 48

47, 43, 27

28, 28, 0

0, 0, 0

198, 190, 171

198, 190, 171

198, 186, 151

198, 179, 131

198, 171, 112

198, 167, 92

198, 161, 72

198, 154, 52

198, 150, 32

198, 142, 13

198, 140, 0

198, 196, 191

198, 203, 211

198, 210, 230

198, 217, 250

198, 222, 255

198, 226, 255

198, 227, 255

Harmonies

Analogous

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

202, 181, 176

198, 190, 171

177, 191, 169

Triad

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

198, 190, 171

167, 180, 190

188, 183, 198

Complementary

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

198, 190, 171

171, 181, 198

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.

178, 183, 200

198, 190, 171

166, 178, 193

Square

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

198, 190, 171

173, 185, 189

170, 181, 199

196, 181, 192

Rectangle

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

198, 190, 171

170, 186, 171

170, 181, 199

185, 183, 199

Sweetspot

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

198, 190, 171

255, 252, 245

198, 171, 187

128, 126, 121

0, 0, 0

128, 128, 128

Same Dimension

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

198, 190, 171

255, 243, 214

174, 198, 171

99, 97, 90

163, 114, 0

36, 26, 0

Inverse Universe

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

171, 181, 198

214, 229, 255

171, 174, 198

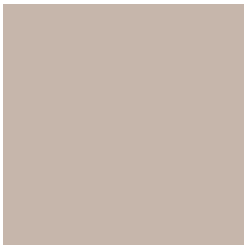
90, 93, 99

0, 60, 163

0, 13, 36

Previews

White Background

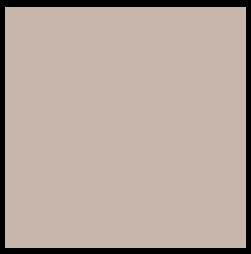


This preview shows how the RYB color 198, 190, 171 looks on a white background.

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



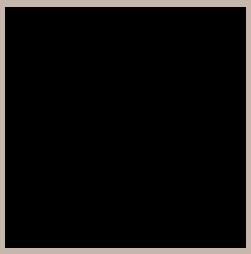
This preview shows how the RYB color 198, 190, 171 looks on a black background.

Color Contrast Check

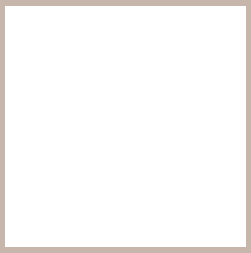
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

RYB 198, 190, 171 Background



This preview shows how black text looks on a background with the RYB color 198, 190, 171.



This preview shows how white text looks on a background with the RYB color 198, 190, 171.

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

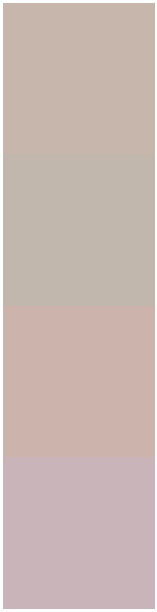
Original Color
198, 190, 171

Protanopia
183, 191, 172

Deuteranopia
208, 181, 172

Tritanopia
201, 179, 193

Trichromacy



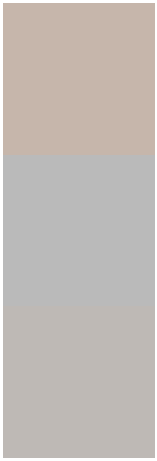
Original Color
198, 190, 171

Protanomaly
194, 194, 172

Deuteranomaly
204, 183, 172

Tritanomaly
200, 180, 185

Monochromacy



Original Color
198, 190, 171

Achromatopsia
186, 186, 186

Achromatomaly
190, 188, 181

CSS Examples

Text

The CSS property to change the color of the text to RYB 198, 190, 171 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(198, 182, 171) looks like.

```
.text, #text, p{
    color:rgb(198, 182, 171)
}
```

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(198, 182, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 182, 171) }
```

Border

The CSS property to change the border of an element to RYB 198, 190, 171 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(198, 182, 171) }
```

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

```
.border{ border-color:rgb(198, 182, 171) }
```

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

Here you see how a box with a 4 pixel rgb(198, 182, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 182, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 182, 171); box-shadow:4px 4px 4px 4px rgb(198, 182, 171) }
```

Background

The CSS property to change the background color of an element to RYB 198, 190, 171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(198, 182, 171) }
```

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

```
.background{ background-color:rgb(198,
182, 171) }
```

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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