

Converting Colors

`RYB(203, 174, 173)`

Have a look what the booklet for
RYB(203, 174, 173) contains.

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Color

R_YB(203, 174, 173)

Conversions

Conversions Part 1

Format	Color
Hex	CBAEAD
RGB	203, 174, 173
RGB Percent	80%, 68%, 68%
CMY	0.2039, 0.3178, 0.3216
CMYK	0.00, 0.14, 0.15, 0.20
HSL	2°, 22%, 74%
HSV	2°, 15%, 80%
XYZ	47.3012, 45.9733, 45.9158
YIQ	182.5570, 17.6050, 5.8370

Conversions

Conversions Part 2

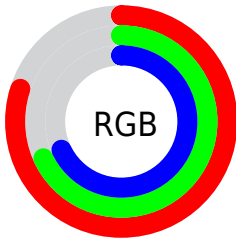
Format	Color
R _Y B	203, 174, 173
Decimal	13348525
CIE Lab	73.53, 10.33, 4.38
CIE LCh	74, 11.223, 22.970
Yxy	45.9733, 0.3398, 0.3303
Android (android.graphics.Color)	4291538605 (0xFFCBAEAD)
YUV	182.5570, -4.7116, 17.9285
Hunter-Lab	67.8036, 5.8691, 7.3120

Details

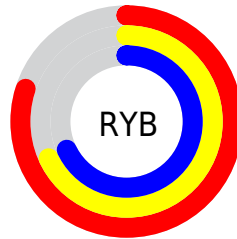
The RYB color **203, 174, 173** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **173, 188, 203**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **255, 230, 228**, and **149, 122, 121** is the 20% darker color. If you saturate the color by 10%, you get **203, 154, 153**, and if you desaturate by 10%, it is **203, 194, 193**.

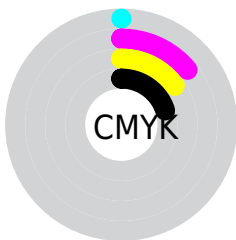
Distribution



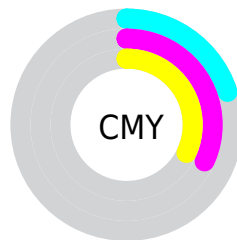
- Red (80%)
- Green (68%)
- Blue (68%)



- Red (80%)
- Yellow (68%)
- Blue (68%)



- Cyan (0%)
- Magenta (14%)
- Yellow (15%)
- Black (20%)




- Cyan (20%)
- Magenta (32%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 203, 174, 173 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 203, 174, 173 by changing the saturation by 10% instead.

 203, 174, 173

 203, 174, 173

255, 255, 255

 175, 147, 146


 255, 229, 228

 149, 122, 121

 123, 97, 96

 97, 73, 72


 73, 50, 50

 50, 29, 29

 31, 4, 3

 0, 0, 0

 203, 174, 173


 203, 174, 173

 203, 154, 153

 203, 194, 193

 203, 135, 132

 203, 208, 214

 203, 115, 112

 203, 218, 234

 203, 95, 92

 203, 228, 254

 203, 76, 72

 203, 229, 255

 203, 56, 51

 203, 36, 31

 203, 17, 11

 203, 7, 0

Harmonies

Analogous

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



200, 174, 183



203, 174, 173



200, 181, 165

Triad

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



203, 174, 173



168, 185, 184



167, 177, 201

Complementary

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



203, 174, 173



173, 188, 203

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.



158, 174, 197



203, 174, 173



159, 176, 187

Square

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



203, 174, 173



162, 182, 164



155, 171, 188



180, 179, 199

Rectangle

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



203, 174, 173



195, 195, 161



155, 171, 188



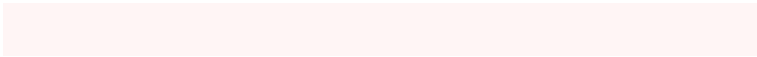
163, 176, 200

Sweetspot

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



203, 174, 173



255, 245, 245



203, 173, 203



128, 121, 121



0, 0, 0



128, 128, 128

Same Dimension

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



203, 174, 173



255, 211, 209



199, 203, 173



102, 92, 92



166, 5, 0



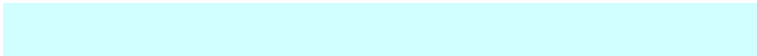
38, 1, 0

Inverse Universe

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



173, 188, 203



209, 232, 255



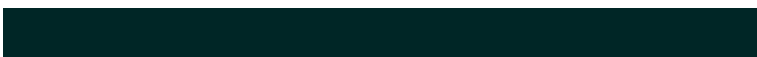
173, 183, 203



92, 97, 102



0, 81, 166



0, 19, 38

Previews

White Background



This preview shows how the RYB color 203, 174, 173 looks on a white background.

Color Contrast Check

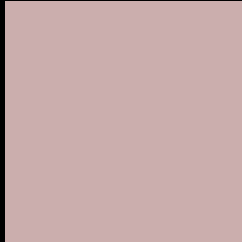
Large Text (above 18pt) WCAG AA × Fail

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 203, 174, 173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

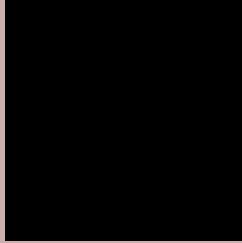
Any Text WCAG AA ✓ Pass

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 203, 174, 173 Background



This preview shows how black text looks on a background with the RYB color 203, 174, 173.






This preview shows how white text looks on a background with the RYB color 203, 174, 173.

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 203, 174, 173
	Protanopia 185, 183, 176
	Deuteranopia 201, 175, 173



Tritanopia
205, 172, 185

Trichromacy



Original Color

203, 174, 173

Protanomaly

192, 179, 175

Deuteranomaly

202, 175, 173

Tritanomaly

204, 173, 181

Monochromacy



Original Color

203, 174, 173

Achromatopsia

183, 183, 183

Achromatomaly

190, 180, 179

CSS Examples

Text

The CSS property to change the color of the text to RYB 203, 174, 173 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(203, 174, 173) looks like.

```
.text, #text, p{  
    color:rgb(203, 174, 173)  
}
```

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(203, 174, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 174, 173) }
```

Border

The CSS property to change the border of an element to RYB 203, 174, 173 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(203, 174, 173) }
```

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

```
.border{ border-color:rgb(203, 174, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 174, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 174, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 174, 173);  
box-shadow:4px 4px 4px 4px rgb(203, 174,  
173) }
```

Background

The CSS property to change the background color of an element to RGB 203, 174, 173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 174, 173) }
```

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

```
.background{ background-color: rgb(203,  
174, 173) }
```

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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