

Converting Colors

`RYB(205, 173, 172)`

Have a look what the booklet for
RYB(205, 173, 172) contains.

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Color

R_YB(205, 173, 172)

Conversions

Conversions Part 1

Format	Color
Hex	CDADAC
RGB	205, 173, 172
RGB Percent	80%, 68%, 67%
CMY	0.1961, 0.3217, 0.3255
CMYK	0.00, 0.16, 0.16, 0.20
HSL	2°, 25%, 74%
HSV	2°, 16%, 80%
XYZ	47.5612, 45.8336, 45.3697
YIQ	182.4540, 19.3930, 6.4730

Conversions

Conversions Part 2

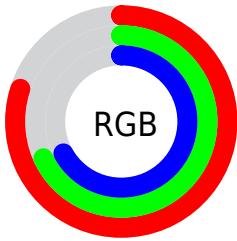
Format	Color
R_{YB}	205, 173, 172
Decimal	13479340
CIE Lab	73.44, 11.45, 4.82
CIE LCh	73, 12.422, 22.832
Yxy	45.8336, 0.3427, 0.3303
Android (android.graphics.Color)	4291669420 (0xFFCDADAC)
YUV	182.4540, -5.1538, 19.7728
Hunter-Lab	67.7005, 6.9245, 7.6569

Details

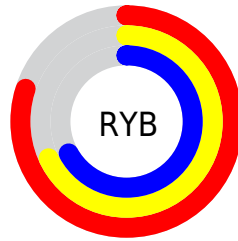
The RYB color **205, 173, 172** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **172, 188, 205**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **255, 228, 227**, and **150, 121, 120** is the 20% darker color. If you saturate the color by 10%, you get **205, 153, 152**, and if you desaturate by 10%, it is **205, 193, 193**.

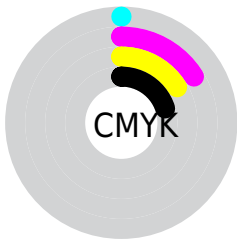
Distribution



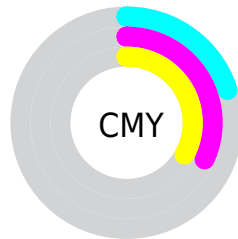
- Red (80%)
- Green (68%)
- Blue (67%)



- Red (80%)
- Yellow (68%)
- Blue (67%)



- Cyan (0%)
- Magenta (16%)
- Yellow (16%)
- Black (20%)



- Cyan (20%)
- Magenta (32%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the RYB color 205, 173, 172 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 205, 173, 172 by changing the saturation by 10% instead.

 205, 173, 172

 205, 173, 172


255, 255, 255

 177, 146, 145


 255, 228, 227

 150, 121, 120

 124, 96, 95

 99, 72, 71

 75, 49, 49

 51, 28, 28

 32, 3, 1


 0, 0, 0

 205, 173, 172

 205, 173, 172

 205, 153, 152

 205, 193, 193

 205, 133, 131


 205, 209, 213

 205, 113, 111

 205, 219, 234

 205, 93, 90

 205, 229, 254

 205, 73, 70

 205, 230, 255

 205, 54, 49

 205, 34, 29

 205, 14, 8

 205, 6, 0

Harmonies

Analogous

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



202, 173, 184



205, 173, 172



201, 181, 163

Triad

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



205, 173, 172



166, 185, 184



165, 177, 203

Complementary

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



205, 173, 172



172, 188, 205

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.



155, 173, 198



205, 173, 172



156, 174, 187

Square

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



205, 173, 172



159, 182, 161



152, 170, 189



179, 178, 201

Rectangle

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



205, 173, 172



196, 194, 159



152, 170, 189



161, 175, 202

Sweetspot

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



205, 173, 172



255, 243, 242



205, 172, 204



128, 120, 120



0, 0, 0



128, 128, 128

Same Dimension

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



205, 173, 172



255, 208, 207



203, 205, 172



102, 92, 92



166, 5, 0



38, 1, 0

Inverse Universe

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



172, 188, 205



207, 231, 255



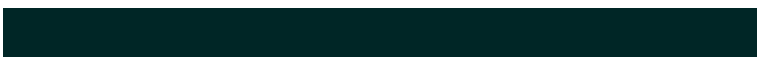
172, 183, 205



92, 97, 102



0, 82, 166



0, 19, 38

Previews

White Background



This preview shows how the RYB color 205, 173, 172 looks on a white background.

Color Contrast Check

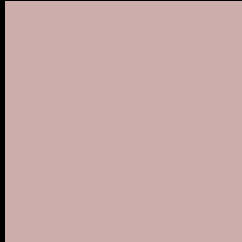
Large Text (above 18pt) WCAG AA × Fail

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 205, 173, 172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

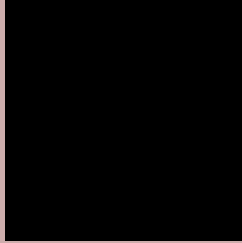
Any Text WCAG AA ✓ Pass

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](#).

RYP 205, 173, 172 Background



This preview shows how black text looks on a background with the RYB color 205, 173, 172.



This preview shows how white text looks on a background with the RYB color 205, 173, 172.

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
207, 171, 184

Trichromacy



Original Color
205, 173, 172

Protanomaly
192, 177, 175

Deuteranomaly
202, 174, 172

Tritanomaly
206, 172, 180

Monochromacy



Original Color
205, 173, 172

Achromatopsia
182, 182, 182

Achromatomaly
190, 179, 178

CSS Examples

Text

The CSS property to change the color of the text to RYB 205, 173, 172 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(205, 173, 172) looks like.

```
.text, #text, p{  
    color:rgb(205, 173, 172)  
}
```

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(205, 173, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 173, 172) }
```

Border

The CSS property to change the border of an element to RYB 205, 173, 172 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(205, 173, 172) }
```

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

```
.border{ border-color:rgb(205, 173, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 173, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 173, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 173, 172);  
box-shadow:4px 4px 4px 4px rgb(205, 173,  
172) }
```

Background

The CSS property to change the background color of an element to RGB 205, 173, 172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 173, 172) }
```

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

```
.background{ background-color: rgb(205,  
173, 172) }
```

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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