

Converting Colors

`RYB(204, 143, 143)`

Have a look what the booklet for
RYB(204, 143, 143) contains.

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Color

R_YB(204, 143, 143)

Conversions

Conversions Part 1

Format	Color
Hex	CC8F8F
RGB	204, 143, 143
RGB Percent	80%, 56%, 56%
CMY	0.2000, 0.4392, 0.4392
CMYK	0.00, 0.30, 0.30, 0.20
HSL	0°, 37%, 68%
HSV	0°, 30%, 80%
XYZ	39.6822, 34.4655, 30.5476
YIQ	161.2390, 36.3560, 12.9320

Conversions

Conversions Part 2

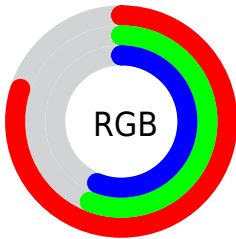
Format	Color
R_{YB}	204, 143, 143
Decimal	13406095
CIE _{Lab}	65.33, 23.14, 9.30
CIE _{LCh}	65, 24.935, 21.888
Yxy	34.4655, 0.3790, 0.3292
Android (android.graphics.Color)	4291596175 (0xFFCC8F8F)
YUV	161.2390, -8.9918, 37.5014
Hunter-Lab	58.7073, 17.9164, 10.2443

Details

The RYB color **204, 143, 143** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **143, 174, 204**, and the grayscale version is **161, 161, 161**.

A 20% lighter version of the original color is **255, 197, 197**, and **148, 92, 93** is the 20% darker color. If you saturate the color by 10%, you get **204, 123, 123**, and if you desaturate by 10%, it is **204, 163, 163**.

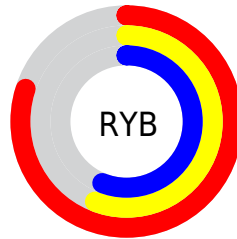
Distribution



Red (80%)

Green (56%)

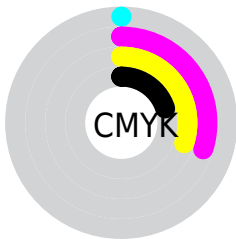
Blue (56%)



Red (80%)

Yellow (56%)

Blue (56%)

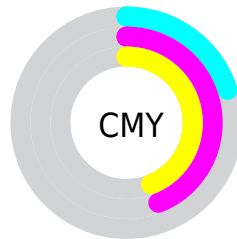


Cyan (0%)

Magenta (30%)

Yellow (30%)

Black (20%)



Cyan (20%)


Magenta (44%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the RYB color 204, 143, 143 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 204, 143, 143 by changing the saturation by 10% instead.

 204, 143, 143

 204, 143, 143


255, 255, 255

 176, 117, 117

 255, 197, 197

 148, 92, 93

 255, 225, 225

 121, 68, 69

255, 255, 253


 95, 45, 47


 70, 23, 26

 47, 0, 0

 8, 0, 0


 0, 0, 0

 204, 143, 143

 204, 143, 143

 204, 123, 123

 204, 163, 163

 204, 102, 102

 204, 184, 184

 204, 82, 82

 204, 204, 204

 204, 61, 61

 204, 215, 225

 204, 41, 41

 204, 225, 245

 204, 21, 21

 204, 230, 255

 204, 0, 0

Harmonies

Analogous

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



199, 143, 166



204, 143, 143



197, 160, 124

Triad

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



204, 143, 143



130, 168, 166



122, 149, 202

Complementary

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



204, 143, 143



143, 174, 204

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.



98, 138, 193



204, 143, 143



108, 145, 171

Square

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



204, 143, 143



117, 162, 121



93, 133, 174



154, 155, 200

Rectangle

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



204, 143, 143



183, 187, 117



93, 133, 174



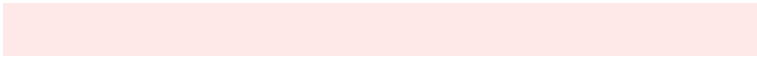
113, 146, 200

Sweetspot

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



204, 143, 143



255, 232, 232



204, 143, 204



128, 113, 113



0, 0, 0



128, 128, 128

Same Dimension

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



204, 143, 143



255, 163, 163



202, 204, 143



102, 92, 92



166, 0, 0



38, 0, 0

Inverse Universe

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



143, 174, 204



163, 209, 255



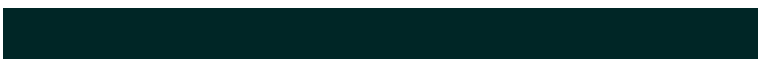
143, 164, 204



92, 97, 102



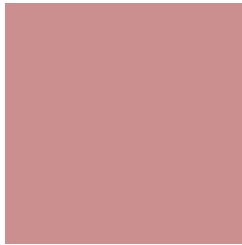
0, 83, 166



0, 19, 38

Previews

White Background



This preview shows how the RYB color 204, 143, 143 looks on a white background.

Color Contrast Check

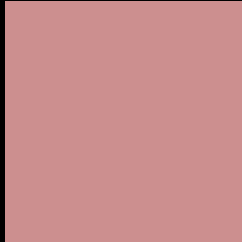
Large Text (above 18pt) WCAG AA × Fail

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 204, 143, 143 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](#).

R Y B 204, 143, 143 Background



This preview shows how black text looks on a background with the R Y B color 204, 143, 143.



This preview shows how white text looks on a background with the R Y B color 204, 143, 143.

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
205, 142, 152

Trichromacy



Original Color

204, 143, 143

Protanomaly

179, 154, 148

Deuteranomaly

189, 150, 142

Tritanomaly

205, 142, 149

Monochromacy



Original Color

204, 143, 143

Achromatopsia

161, 161, 161

Achromatomaly

177, 154, 154

CSS Examples

Text

The CSS property to change the color of the text to RYB 204, 143, 143 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(204, 143, 143) looks like.

```
.text, #text, p{  
    color:rgb(204, 143, 143)  
}
```

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(204, 143, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 143, 143) }
```

Border

The CSS property to change the border of an element to RYB 204, 143, 143 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(204, 143, 143) }
```

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

```
.border{ border-color:rgb(204, 143, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 143, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 143, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 143, 143);  
box-shadow:4px 4px 4px 4px rgb(204, 143,  
143) }
```

Background

The CSS property to change the background color of an element to RGB 204, 143, 143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 143, 143) }
```

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

```
.background{ background-color: rgb(204,  
143, 143) }
```

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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