

Converting Colors

`RYB(207, 145, 163)`

Have a look what the booklet for RYB(207, 145, 163) contains.

RYB(207, 145, 163)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(207, 145, 163)

Conversions

Conversions Part 1

Format	Color
Hex	CF91A3
RGB	207, 145, 163
RGB Percent	81%, 57%, 64%
CMY	0.1882, 0.4314, 0.3608
CMYK	0.00, 0.30, 0.21, 0.19
HSL	343°, 39%, 69%
HSV	343°, 30%, 81%
XYZ	42.4684, 36.1605, 39.3917
YIQ	165.5900, 31.1740, 18.7420

Conversions

Conversions Part 2

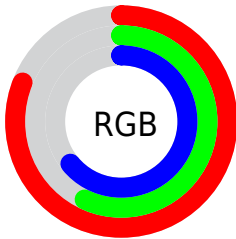
Format	Color
R_{YB}	207, 145, 163
Decimal	13603235
CIE Lab	66.64, 26.03, -0.02
CIE LCh	67, 26.031, 359.950
Yxy	36.1605, 0.3598, 0.3064
Android (android.graphics.Color)	4291793315 (0xFFCF91A3)
YUV	165.5900, -1.2769, 36.3166
Hunter-Lab	60.1336, 20.8288, 3.2545

Details

The RYB color **207, 145, 163** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **145, 181, 207**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **255, 199, 218**, and **151, 94, 111** is the 20% darker color. If you saturate the color by 10%, you get **207, 124, 148**, and if you desaturate by 10%, it is **207, 166, 178**.

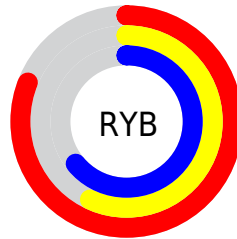
Distribution



Red (81%)

Green (57%)

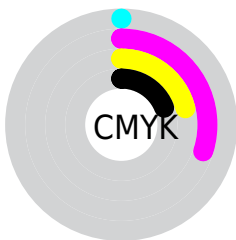
Blue (64%)



Red (81%)

Yellow (57%)

Blue (64%)

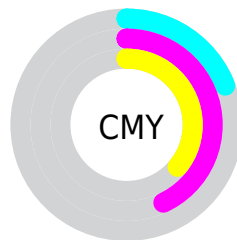


Cyan (0%)

Magenta (30%)

Yellow (21%)

Black (19%)



Cyan (19%)

Magenta (43%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 207, 145, 163 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 207, 145, 163 by changing the saturation by 10% instead.

 207, 145, 163

 207, 145, 163

255, 255, 255

 179, 119, 137

 255, 199, 218

 151, 94, 111

 255, 228, 246

 125, 69, 87

 99, 46, 64

 74, 23, 42


 49, 1, 22

 24, 0, 1


 0, 0, 0

 207, 145, 163

 207, 145, 163

 207, 124, 148

 207, 166, 178

 207, 104, 134

 207, 186, 192

 207, 83, 119

 207, 207, 207

 207, 62, 104

 207, 219, 228

 207, 41, 90

 207, 232, 249

 207, 21, 75

 207, 232, 255

 207, 0, 60

 207, 231, 255

Harmonies

Analogous

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



192, 149, 186



207, 145, 163



209, 148, 140

Triad

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



207, 145, 163



121, 168, 135



103, 143, 202

Complementary

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



207, 145, 163



145, 181, 207

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.



91, 135, 185



207, 145, 163



127, 164, 173

Square

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



207, 145, 163



140, 179, 115



103, 143, 175



133, 155, 208

Rectangle

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



207, 145, 163



203, 160, 127



103, 143, 175



96, 139, 197

Sweetspot

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



207, 145, 163



255, 232, 239



188, 145, 207



128, 113, 118



0, 0, 0



128, 128, 128

Same Dimension

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



207, 145, 163



255, 163, 190



207, 160, 145



105, 94, 97



168, 0, 49



41, 0, 12

Inverse Universe

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



207, 145, 163



255, 163, 190



145, 173, 207



105, 94, 97



168, 0, 49



41, 0, 12

Previews

White Background



This preview shows how the RYB color 207, 145, 163 looks on a white background.

Color Contrast Check

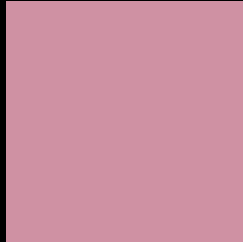
Large Text (above 18pt) WCAG AA × Fail

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 207, 145, 163 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 207, 145, 163 Background



This preview shows how black text looks on a background with the RYB color 207, 145, 163.

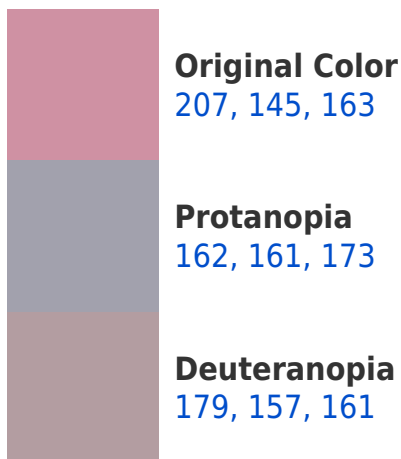


This preview shows how white text looks on a background with the RYB color 207, 145, 163.

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
206, 146, 157

Trichromacy



Original Color

207, 145, 163

Protanomaly

178, 155, 169

Deuteranomaly

189, 153, 162

Tritanomaly

206, 146, 159

Monochromacy



Original Color

207, 145, 163

Achromatopsia

166, 166, 166

Achromatomaly

181, 158, 165

CSS Examples

Text

The CSS property to change the color of the text to RYB 207, 145, 163 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(207, 145, 163) looks like.

```
.text, #text, p{  
    color:rgb(207, 145, 163)  
}
```

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(207, 145, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 145, 163) }
```

Border

The CSS property to change the border of an element to RYB 207, 145, 163 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(207, 145, 163) }
```

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

```
.border{ border-color:rgb(207, 145, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 145, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 145, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 145, 163);  
box-shadow:4px 4px 4px 4px rgb(207, 145,  
163) }
```

Background

The CSS property to change the background color of an element to RYB 207, 145, 163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 145, 163) }
```

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

```
.background{ background-color: rgb(207,  
145, 163) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor