

Converting Colors

`RYB(207, 158, 145)`

Have a look what the booklet for
RYB(207, 158, 145) contains.

RYB(207, 158, 145)	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, 158, 145)

Conversions

Conversions Part 1

Format	Color
Hex	CF9C91
RGB	207, 156, 145
RGB Percent	81%, 61%, 57%
CMY	0.1882, 0.3892, 0.4314
CMYK	0.00, 0.25, 0.30, 0.19
HSL	10°, 39%, 69%
HSV	10°, 30%, 81%
XYZ	42.6890, 39.0017, 32.0662
YIQ	169.9950, 33.9270, 7.3910

Conversions

Conversions Part 2

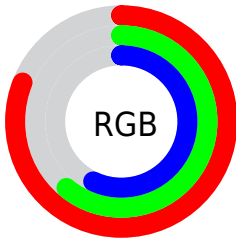
Format	Color
R _Y B	207, 158, 145
Decimal	13606033
CIE Lab	68.75, 17.60, 13.06
CIE LCh	69, 21.914, 36.586
Yxy	39.0017, 0.3753, 0.3429
Android (android.graphics.Color)	4291796113 (0xFFCF9C91)
YUV	169.9950, -12.3225, 32.4534
Hunter-Lab	62.4514, 12.7247, 13.2730

Details

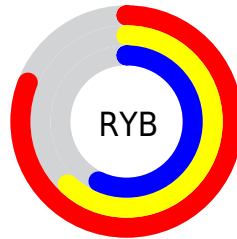
The RYB color **207, 158, 145** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **145, 173, 207**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **255, 214, 199**, and **151, 107, 95** is the 20% darker color. If you saturate the color by 10%, you get **207, 142, 124**, and if you desaturate by 10%, it is **207, 174, 166**.

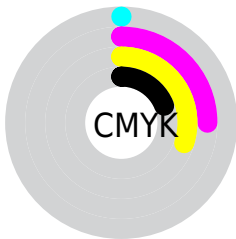
Distribution



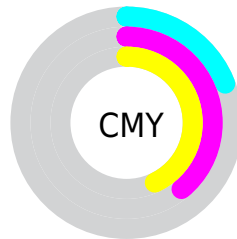
- Red (81%)
- Green (61%)
- Blue (57%)



- Red (81%)
- Yellow (62%)
- Blue (57%)



- Cyan (0%)
- Magenta (25%)
- Yellow (30%)
- Black (19%)



- Cyan (19%)
- Magenta (39%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the RYB color 207, 158, 145 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, 158, 145 by changing the saturation by 10% instead.


 207, 158, 145

 207, 158, 145

255, 255, 255

 179, 132, 119


 255, 213, 199

 151, 106, 95

 255, 248, 227

 125, 82, 71


 99, 59, 48


 73, 36, 28


 50, 17, 1

 25, 0, 1


 0, 0, 0

 207, 158, 145

 207, 158, 145

 207, 142, 124

 207, 174, 166

 207, 126, 104

 207, 191, 186

 207, 108, 83

 207, 207, 207

 207, 92, 62

 207, 216, 228

 207, 76, 41

 207, 226, 249

 207, 60, 21

 207, 231, 255

 207, 44, 0

Harmonies

Analogous

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



208, 154, 164



207, 158, 145



196, 185, 132

Triad

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



207, 158, 145



134, 166, 178



150, 164, 207

Complementary

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



207, 158, 145



145, 173, 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.



125, 155, 203



207, 158, 145



117, 150, 179

Square

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



207, 158, 145



136, 174, 154



112, 148, 191



177, 161, 200

Rectangle

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



207, 158, 145



157, 185, 128



112, 148, 191



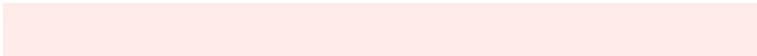
141, 161, 207

Sweetspot

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



207, 158, 145



255, 237, 232



207, 145, 197



128, 117, 113



0, 0, 0



128, 128, 128

Same Dimension

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



207, 158, 145



255, 182, 163



177, 207, 145



105, 96, 94



168, 35, 0



41, 8, 0

Inverse Universe

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



145, 173, 207



163, 205, 255



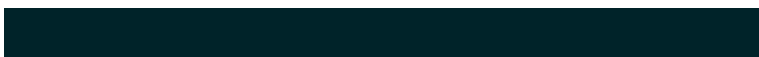
145, 161, 207



94, 99, 105



0, 76, 168



0, 19, 41

Previews

White Background



This preview shows how the RYB color 207, 158, 145 looks on a white background.

Color Contrast Check

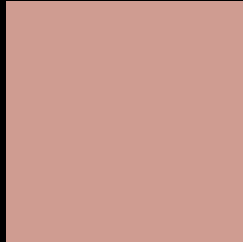
Large Text (above 18pt) WCAG AA × Fail

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, 158, 145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

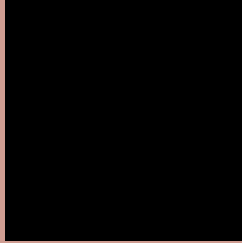
Any Text WCAG AA ✓ Pass

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, 158, 145 Background



This preview shows how black text looks on a background with the RYB color 207, 158, 145.

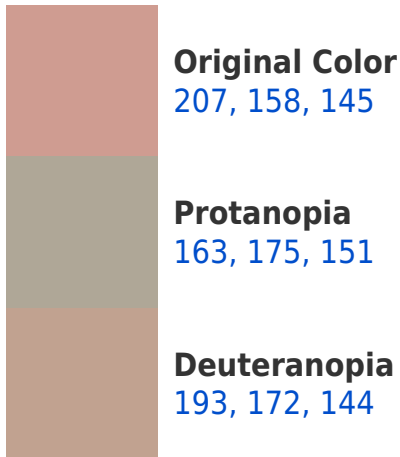



This preview shows how white text looks on a background with the RYB color 207, 158, 145.

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
209, 153, 165

Trichromacy



Original Color
207, 158, 145

Protanomaly
187, 171, 149

Deuteranomaly
198, 167, 144

Tritanomaly
208, 154, 158

Monochromacy



Original Color
207, 158, 145

Achromatopsia
170, 170, 170

Achromatomaly
183, 166, 161

CSS Examples

Text

The CSS property to change the color of the text to RYB 207, 158, 145 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, 156, 145) looks like.

```
.text, #text, p{  
    color:rgb(207, 156, 145)  
}
```

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, 156, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 156, 145) }
```

Border

The CSS property to change the border of an element to RYB 207, 158, 145 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, 156, 145) }
```

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

```
.border{ border-color:rgb(207, 156, 145) }
```

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

Here you see how a box with a 4 pixel rgb(207, 156, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 156, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 156, 145);  
box-shadow:4px 4px 4px 4px rgb(207, 156,  
145) }
```

Background

The CSS property to change the background color of an element to RGB 207, 158, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 156, 145) }
```

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

```
.background{ background-color: rgb(207,  
156, 145) }
```

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