

Converting Colors

`RYB(213, 147, 127)`

Have a look what the booklet for
RYB(213, 147, 127) contains.

RYB(213, 147, 127)	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

$\text{RYB}(213, 147, 127)$

Conversions

Conversions Part 1

Format	Color
Hex	D58F7F
RGB	213, 143, 127
RGB Percent	84%, 56%, 50%
CMY	0.1647, 0.4383, 0.5020
CMYK	0.00, 0.33, 0.40, 0.16
HSL	11°, 51%, 67%
HSV	11°, 40%, 84%
XYZ	41.1278, 35.3914, 24.7422
YIQ	162.1060, 46.8560, 9.8640

Conversions

Conversions Part 2

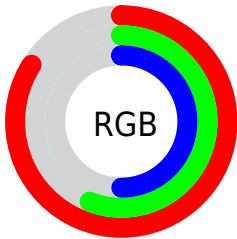
Format	Color
R _Y B	213, 147, 127
Decimal	13995903
CIE Lab	66.05, 24.51, 19.42
CIE LCh	66, 31.273, 38.396
Yxy	35.3914, 0.4062, 0.3495
Android (android.graphics.Color)	4292185983 (0xFFD58F7F)
YUV	162.1060, -17.3073, 44.6340
Hunter-Lab	59.4907, 19.2941, 16.9847

Details

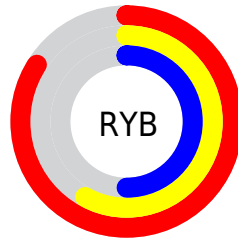
The RYB color **213, 147, 127** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **127, 166, 213**, and the grayscale version is **162, 162, 162**.

A 20% lighter version of the original color is **255, 202, 180**, and **156, 95, 78** is the 20% darker color. If you saturate the color by 10%, you get **213, 131, 106**, and if you desaturate by 10%, it is **213, 164, 148**.

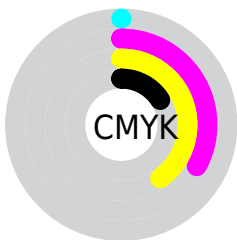
Distribution



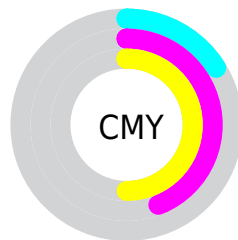
- Red (84%)
- Green (56%)
- Blue (50%)



- Red (84%)
- Yellow (58%)
- Blue (50%)



- Cyan (0%)
- Magenta (33%)
- Yellow (40%)
- Black (16%)



- Cyan (16%)
- Magenta (44%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the RYB color 213, 147, 127 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 213, 147, 127 by changing the saturation by 10% instead.

 213, 147, 127

 213, 147, 127

255, 255, 255

 184, 120, 102


 255, 202, 180

 156, 95, 78

 255, 238, 207

 128, 71, 55

 237, 255, 236

 101, 48, 33

 75, 24, 12

 50, 0, 0

 18, 0, 0


 0, 0, 0

 213, 147, 127


 213, 147, 127

 213, 131, 106

 213, 164, 148

 213, 115, 84


 213, 180, 170

 213, 97, 63

 213, 196, 191

 213, 81, 42

 213, 212, 212

 213, 66, 20

 213, 222, 234

 213, 49, 0

 213, 232, 255

 213, 234, 255

Harmonies

Analogous

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



216, 139, 154



213, 147, 127



197, 193, 109

Triad

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



213, 147, 127



108, 153, 174



135, 155, 216

Complementary

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



213, 147, 127



127, 166, 213

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.



92, 139, 212



213, 147, 127



76, 128, 176

Square

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



213, 147, 127



116, 169, 144



65, 124, 194



174, 150, 205

Rectangle

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



213, 147, 127



137, 181, 104



65, 124, 194



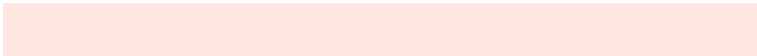
120, 150, 216

Sweetspot

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



213, 147, 127



255, 231, 224



213, 127, 197



128, 114, 110



0, 0, 0



128, 128, 128

Same Dimension

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



213, 147, 127



255, 161, 133



166, 213, 127



107, 98, 96



171, 39, 0



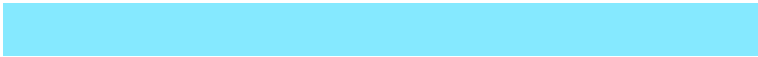
43, 10, 0

Inverse Universe

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



127, 166, 213



133, 188, 255



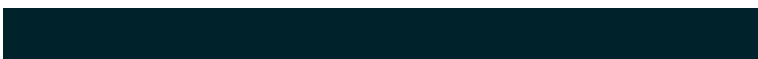
127, 148, 213



96, 101, 107



0, 77, 171



0, 19, 43

Previews

White Background



This preview shows how the RYB color 213, 147, 127 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 213, 147, 127 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 213, 147, 127 Background



This preview shows how black text looks on a background with the RYB color 213, 147, 127.



This preview shows how white text looks on a background with the RYB color 213, 147, 127.

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
213, 147, 127

Protanopia
147, 170, 135

Deuteranopia
189, 178, 125



Tritanopia
215, 140, 150

Trichromacy



Original Color

213, 147, 127

Protanomaly

186, 172, 132

Deuteranomaly

198, 162, 126

Tritanomaly

214, 141, 142

Monochromacy



Original Color

213, 147, 127

Achromatopsia

162, 162, 162

Achromatomaly

181, 156, 149

CSS Examples

Text

The CSS property to change the color of the text to RYB 213, 147, 127 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(213, 143, 127)` looks like.

```
.text, #text, p{  
    color:rgb(213, 143, 127)  
}
```

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(213, 143, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 143, 127) }
```

Border

The CSS property to change the border of an element to RYB 213, 147, 127 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(213, 143, 127) }
```

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

```
.border{ border-color:rgb(213, 143, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 143, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 143, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 143, 127);  
box-shadow:4px 4px 4px 4px rgb(213, 143,  
127) }
```

Background

The CSS property to change the background color of an element to RGB 213, 143, 127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 143, 127) }
```

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

```
.background{ background-color: rgb(213,  
143, 127) }
```

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