

Converting Colors

`RYB(215, 148, 131)`

Have a look what the booklet for
RYB(215, 148, 131) contains.

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Color

R_YB(215, 148, 131)

Conversions

Conversions Part 1

Format	Color
Hex	D79183
RGB	215, 145, 131
RGB Percent	84%, 57%, 51%
CMY	0.1569, 0.4308, 0.4863
CMYK	0.00, 0.32, 0.39, 0.16
HSL	10°, 51%, 68%
HSV	10°, 39%, 84%
XYZ	42.2677, 36.3790, 26.2668
YIQ	164.3340, 46.2140, 10.4860

Conversions

Conversions Part 2

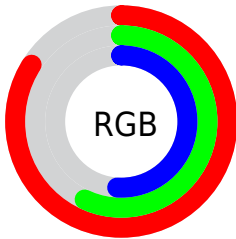
Format	Color
R _Y B	215, 148, 131
Decimal	14127491
CIE Lab	66.81, 24.71, 18.27
CIE LCh	67, 30.733, 36.476
Yxy	36.3790, 0.4029, 0.3468
Android (android.graphics.Color)	4292317571 (0xFFD79183)
YUV	164.3340, -16.4337, 44.4341
Hunter-Lab	60.3150, 19.5384, 16.4000

Details

The RYB color **215, 148, 131** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **131, 169, 215**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **255, 203, 184**, and **158, 96, 82** is the 20% darker color. If you saturate the color by 10%, you get **215, 130, 110**, and if you desaturate by 10%, it is **215, 165, 153**.

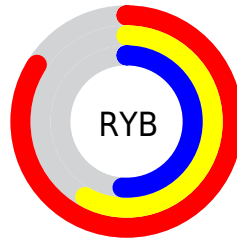
Distribution



Red (84%)

Green (57%)

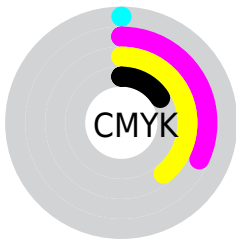
Blue (51%)



Red (84%)

Yellow (58%)

Blue (51%)

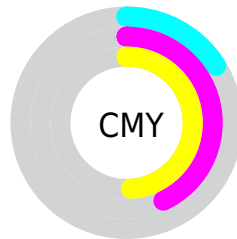


Cyan (0%)

Magenta (32%)

Yellow (39%)

Black (16%)



Cyan (16%)

Magenta (43%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the RYB color 215, 148, 131 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 215, 148, 131 by changing the saturation by 10% instead.

 215, 148, 131

 215, 148, 131

255, 255, 255

 186, 122, 106

 255, 203, 184

 158, 96, 82

 255, 237, 212

 130, 72, 58

 240, 255, 240

 103, 47, 37


 77, 25, 16

 52, 1, 0

 23, 0, 0


 0, 0, 0

 215, 148, 131


 215, 148, 131

 215, 130, 110

 215, 165, 153

 215, 113, 88

 215, 182, 174

 215, 96, 66


 215, 200, 195

 215, 80, 45

 215, 216, 217

 215, 63, 23

 215, 226, 238

 215, 45, 2

 215, 234, 255

 215, 43, 0

 215, 235, 255

Harmonies

Analogous

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



217, 142, 157



215, 148, 131



200, 187, 113

Triad

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



215, 148, 131



113, 157, 176



135, 156, 217

Complementary

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



215, 148, 131



131, 169, 215

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.



93, 140, 212



215, 148, 131



82, 133, 178

Square

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



215, 148, 131



117, 171, 142



70, 127, 194



174, 153, 207

Rectangle

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



215, 148, 131



144, 185, 107



70, 127, 194



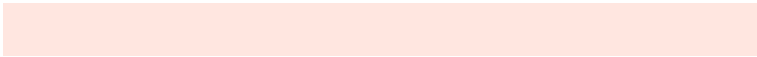
120, 151, 217

Sweetspot

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



215, 148, 131



255, 231, 224



215, 131, 201



128, 114, 110



0, 0, 0



128, 128, 128

Same Dimension

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



215, 148, 131



255, 159, 135



173, 215, 131



107, 98, 96



171, 35, 0



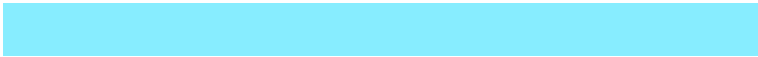
43, 8, 0

Inverse Universe

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



131, 169, 215



135, 190, 255



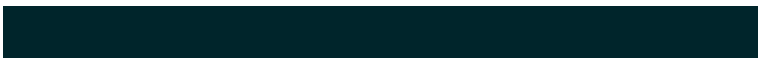
131, 152, 215



96, 101, 107



0, 78, 171



0, 20, 43

Previews

White Background



This preview shows how the RYB color 215, 148, 131 looks on a white background.

Color Contrast Check

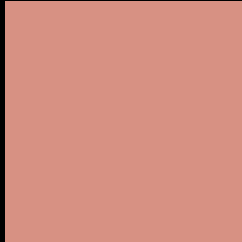
Large Text (above 18pt) WCAG AA × Fail

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 215, 148, 131 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 215, 148, 131 Background



This preview shows how black text looks on a background with the RYB color 215, 148, 131.

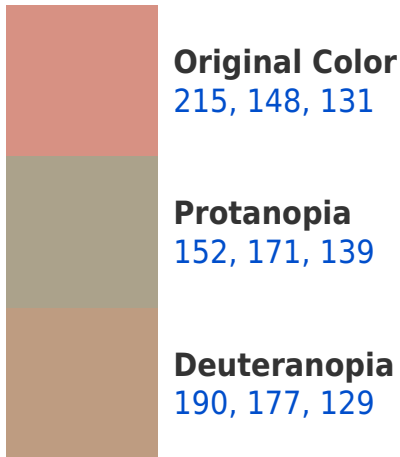


This preview shows how white text looks on a background with the RYB color 215, 148, 131.

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
217, 142, 153

Trichromacy



Original Color
215, 148, 131

Protanomaly
187, 169, 136

Deuteranomaly
199, 162, 130

Tritanomaly
216, 143, 145

Monochromacy



Original Color
215, 148, 131

Achromatopsia
164, 164, 164

Achromatomaly
183, 158, 152

CSS Examples

Text

The CSS property to change the color of the text to RYB 215, 148, 131 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(215, 145, 131) looks like.

```
.text, #text, p{  
    color:rgb(215, 145, 131)  
}
```

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(215, 145, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 145, 131) }
```

Border

The CSS property to change the border of an element to RYB 215, 148, 131 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(215, 145, 131) }
```

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

```
.border{ border-color:rgb(215, 145, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 145, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 145, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 145, 131);  
box-shadow:4px 4px 4px 4px rgb(215, 145,  
131) }
```

Background

The CSS property to change the background color of an element to RYB 215, 148, 131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 145, 131) }
```

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

```
.background{ background-color: rgb(215,  
145, 131) }
```

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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