

Converting Colors

`RYB(209, 131, 113)`

Have a look what the booklet for
RYB(209, 131, 113) contains.

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Color

$\text{RYB}(209, 131, 113)$

Conversions

Conversions Part 1

Format	Color
Hex	D18071
RGB	209, 128, 113
RGB Percent	82%, 50%, 44%
CMY	0.1804, 0.4974, 0.5569
CMYK	0.00, 0.39, 0.46, 0.18
HSL	9°, 51%, 63%
HSV	9°, 46%, 82%
XYZ	37.0149, 30.2271, 19.5063
YIQ	150.5090, 53.0910, 12.5070

Conversions

Conversions Part 2

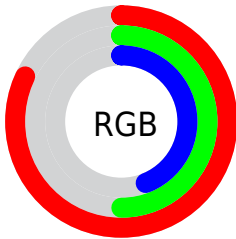
Format	Color
R_{YB}	209, 131, 113
Decimal	13729905
CIE Lab	61.85, 29.57, 21.48
CIE LCh	62, 36.549, 35.990
Yxy	30.2271, 0.4267, 0.3484
Android (android.graphics.Color)	4291919985 (0xFFD18071)
YUV	150.5090, -18.4919, 51.2966
Hunter-Lab	54.9792, 23.9620, 17.4497

Details

The RYB color **209, 131, 113** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **113, 157, 209**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **255, 186, 165**, and **151, 79, 65** is the 20% darker color. If you saturate the color by 10%, you get **209, 115, 92**, and if you desaturate by 10%, it is **209, 148, 134**.

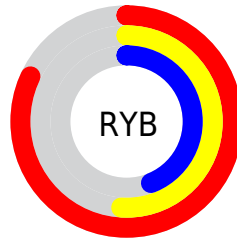
Distribution



Red (82%)

Green (50%)

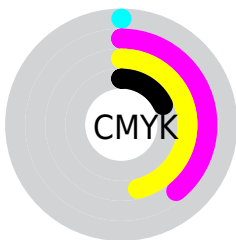
Blue (44%)



Red (82%)

Yellow (51%)

Blue (44%)

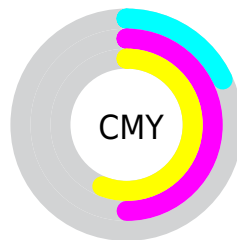


Cyan (0%)

Magenta (39%)

Yellow (46%)

Black (18%)



Cyan (18%)

Magenta (50%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 209, 131, 113 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 209, 131, 113 by changing the saturation by 10% instead.

 209, 131, 113


255, 255, 255

 255, 186, 165

 255, 217, 192


 253, 255, 220

 248, 255, 248

 209, 131, 113

 180, 106, 88

 151, 80, 65

 124, 56, 43


 96, 31, 22

 70, 4, 0

 45, 0, 0

 0, 0, 0

 209, 131, 113

 209, 115, 92

 209, 131, 113

 209, 148, 134

■ 209, 97, 71

■ 209, 164, 155

■ 209, 80, 50

■ 209, 182, 176

■ 209, 64, 29

■ 209, 199, 197

■ 209, 46, 9

■ 209, 213, 218

■ 209, 39, 0

■ 209, 222, 238

■ 209, 231, 255

■ 209, 232, 255

Harmonies

Analogous

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



211, 124, 144



209, 131, 113



192, 179, 91

Triad

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



209, 131, 113



89, 141, 164



112, 140, 213

Complementary

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



209, 131, 113



113, 157, 209

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.



47, 113, 208



209, 131, 113



35, 104, 167

Square

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



209, 131, 113



96, 159, 126



0, 87, 186



161, 139, 202

Rectangle

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



209, 131, 113



125, 174, 84



0, 87, 186



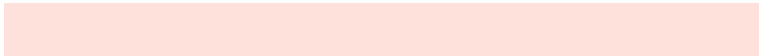
92, 133, 214

Sweetspot

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



209, 131, 113



255, 226, 219



209, 113, 195



128, 109, 106



0, 0, 0



128, 128, 128

Same Dimension

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



209, 131, 113



255, 141, 115



166, 209, 113



105, 96, 94



168, 32, 0



41, 7, 0

Inverse Universe

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



113, 157, 209



115, 179, 255



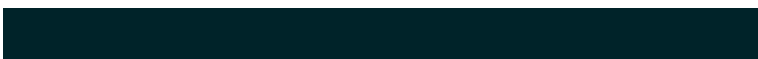
113, 138, 209



94, 99, 105



0, 77, 168



0, 19, 41

Previews

White Background



This preview shows how the RYB color 209, 131, 113 looks on a white background.

Color Contrast Check

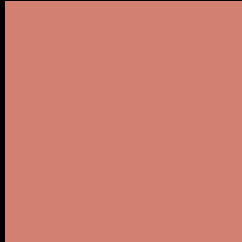
Large Text (above 18pt) WCAG AA × Fail

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 209, 131, 113 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 209, 131, 113 Background



This preview shows how black text looks on a background with the RYB color 209, 131, 113.

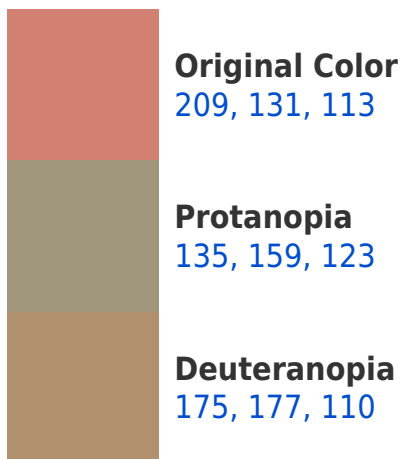


This preview shows how white text looks on a background with the RYB color 209, 131, 113.

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
211, 125, 134

Trichromacy



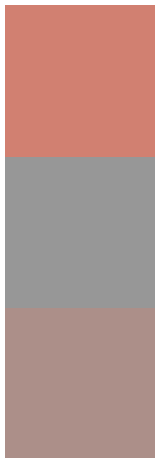
Original Color
209, 131, 113

Protanomaly
177, 157, 119

Deuteranomaly
189, 152, 111

Tritanomaly
210, 126, 126

Monochromacy



Original Color
209, 131, 113

Achromatopsia
151, 151, 151

Achromatomaly
172, 144, 137

CSS Examples

Text

The CSS property to change the color of the text to RYB 209, 131, 113 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(209, 128, 113)` looks like.

```
.text, #text, p{  
    color:rgb(209, 128, 113)  
}
```

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(209, 128, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 128, 113) }
```

Border

The CSS property to change the border of an element to RYB 209, 131, 113 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(209, 128, 113) }
```

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

```
.border{ border-color:rgb(209, 128, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 128, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 128, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 128, 113);  
box-shadow:4px 4px 4px 4px rgb(209, 128,  
113) }
```

Background

The CSS property to change the background color of an element to RGB 209, 128, 113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 128, 113) }
```

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

```
.background{ background-color: rgb(209,  
128, 113) }
```

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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