

Converting Colors

`RYB(214, 109, 131)`

Have a look what the booklet for
RYB(214, 109, 131) contains.

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Color

$\text{RYB}(214, 109, 131)$

Conversions

Conversions Part 1

Format	Color
Hex	D66D83
RGB	214, 109, 131
RGB Percent	84%, 43%, 51%
CMY	0.1608, 0.5725, 0.4863
CMYK	0.00, 0.49, 0.39, 0.16
HSL	347°, 56%, 63%
HSV	347°, 49%, 84%
XYZ	37.2969, 26.8721, 24.6938
YIQ	142.9030, 55.5180, 29.1020

Conversions

Conversions Part 2

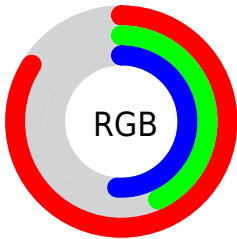
Format	Color
R _{YB}	214, 109, 131
Decimal	14052739
CIE Lab	58.86, 43.40, 7.10
CIE LCh	59, 43.979, 9.285
Yxy	26.8721, 0.4197, 0.3024
Android (android.graphics.Color)	4292242819 (0xFFD66D83)
YUV	142.9030, -5.8682, 62.3521
Hunter-Lab	51.8383, 37.7111, 8.0433

Details

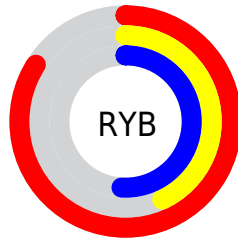
The RYB color **214, 109, 131** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **109, 168, 214**, and the grayscale version is **143, 143, 143**.

A 20% lighter version of the original color is **255, 163, 184**, and **156, 57, 82** is the 20% darker color. If you saturate the color by 10%, you get **214, 88, 114**, and if you desaturate by 10%, it is **214, 130, 148**.

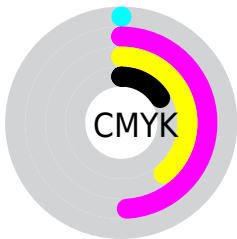
Distribution



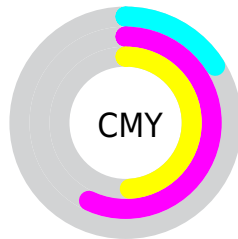
- Red (84%)
- Green (43%)
- Blue (51%)



- Red (84%)
- Yellow (43%)
- Blue (51%)



- Cyan (0%)
- Magenta (49%)
- Yellow (39%)
- Black (16%)



- Cyan (16%)
- Magenta (57%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 214, 109, 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 214, 109, 131 by changing the saturation by 10% instead.

 214, 109, 131

 214, 109, 131

255, 255, 255

 185, 83, 106

 255, 163, 184

 156, 57, 82

 255, 191, 211

 128, 30, 59

 255, 219, 240


 100, 0, 38

 255, 248, 255

 73, 0, 17

 49, 0, 2

 0, 0, 0

 214, 109, 131


 214, 109, 131


 214, 88, 114


 214, 130, 148


 214, 66, 97

 214, 152, 165

 214, 45, 80

 214, 173, 182

 214, 23, 63

 214, 195, 199

 214, 2, 46

 214, 215, 216

 214, 0, 45

 214, 227, 237

 214, 236, 255

 214, 235, 255

Harmonies

Analogous

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



199, 113, 170



214, 109, 131



209, 121, 95

Triad

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



214, 109, 131



80, 153, 122



0, 89, 213

Complementary

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



214, 109, 131



109, 168, 214

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.



0, 86, 189



214, 109, 131



54, 121, 159

Square

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



214, 109, 131



73, 153, 62



0, 83, 161



98, 130, 218

Rectangle

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



214, 109, 131



195, 159, 76



0, 83, 161



0, 89, 207

Sweetspot

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



214, 109, 131



255, 217, 225



191, 109, 214



128, 105, 109



0, 0, 0



128, 128, 128

Same Dimension

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



214, 109, 131



255, 105, 136



214, 151, 109



107, 96, 99



171, 0, 36



43, 0, 9

Inverse Universe

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



214, 109, 131



255, 105, 136



109, 153, 214



107, 96, 99



171, 0, 36



43, 0, 9

Previews

White Background



This preview shows how the RYB color 214, 109, 131 looks on a white background.

Color Contrast Check

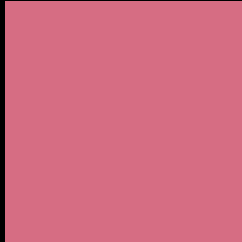
Large Text (above 18pt) WCAG AA ✓ Pass

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 214, 109, 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 214, 109, 131 Background



This preview shows how black text looks on a background with the RYB color 214, 109, 131.

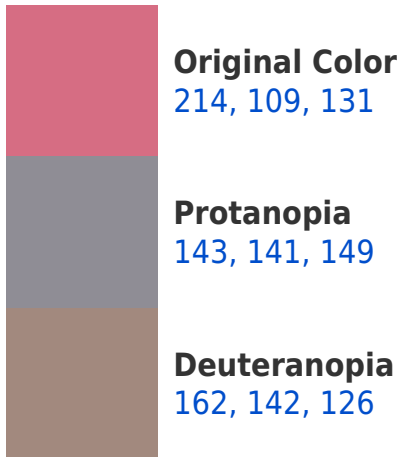


This preview shows how white text looks on a background with the RYB color 214, 109, 131.

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
213, 111, 119

Trichromacy



Original Color
214, 109, 131

Protanomaly
169, 129, 142

Deuteranomaly
181, 127, 128

Tritanomaly
213, 110, 123

Monochromacy



Original Color
214, 109, 131

Achromatopsia
143, 143, 143

Achromatomaly
169, 131, 139

CSS Examples

Text

The CSS property to change the color of the text to RYB 214, 109, 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(214, 109, 131) looks like.

```
.text, #text, p{  
    color:rgb(214, 109, 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(214, 109, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 109, 131) }
```

Border

The CSS property to change the border of an element to RYB 214, 109, 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(214, 109, 131) }
```

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

```
.border{ border-color:rgb(214, 109, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 109, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 109, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 109, 131);  
box-shadow:4px 4px 4px 4px rgb(214, 109,  
131) }
```

Background

The CSS property to change the background color of an element to RGB 214, 109, 131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 109, 131) }
```

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

```
.background{ background-color: rgb(214,  
109, 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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