

Converting Colors

`RYB(214, 131, 155)`

Have a look what the booklet for RYB(214, 131, 155) contains.

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Color

R_YB(214, 131, 155)

Conversions

Conversions Part 1

Format	Color
Hex	D6839B
RGB	214, 131, 155
RGB Percent	84%, 51%, 61%
CMY	0.1608, 0.4863, 0.3922
CMYK	0.00, 0.39, 0.28, 0.16
HSL	343°, 50%, 68%
HSV	343°, 39%, 84%
XYZ	41.7643, 32.8953, 35.1586
YIQ	158.5530, 41.7640, 25.0600

Conversions

Conversions Part 2

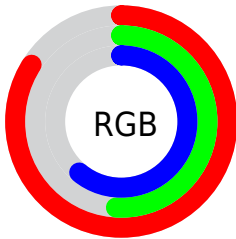
Format	Color
R_{YB}	214, 131, 155
Decimal	14058395
CIE _{Lab}	64.08, 34.97, 0.85
CIE _{LCh}	64, 34.979, 1.395
Yxy	32.8953, 0.3803, 0.2995
Android (android.graphics.Color)	4292248475 (0xFFD6839B)
YUV	158.5530, -1.7516, 48.6270
Hunter-Lab	57.3544, 29.6096, 3.8030

Details

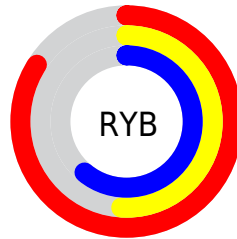
The RYB color **214, 131, 155** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **131, 180, 214**, and the grayscale version is **159, 159, 159**.

A 20% lighter version of the original color is **255, 185, 209**, and **157, 80, 104** is the 20% darker color. If you saturate the color by 10%, you get **214, 110, 140**, and if you desaturate by 10%, it is **214, 152, 170**.

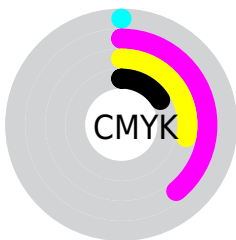
Distribution



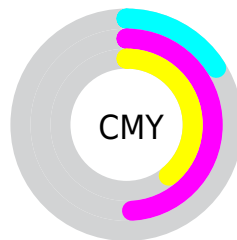
- Red (84%)
- Green (51%)
- Blue (61%)



- Red (84%)
- Yellow (51%)
- Blue (61%)



- Cyan (0%)
- Magenta (39%)
- Yellow (28%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the RYB color 214, 131, 155 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, 131, 155 by changing the saturation by 10% instead.

 214, 131, 155

 214, 131, 155

255, 255, 255

 185, 105, 129

 255, 185, 209

 157, 80, 104

 255, 213, 238

 130, 55, 80

 255, 242, 255


 103, 30, 57

 77, 2, 36


 53, 0, 14

 21, 0, 0

 0, 0, 0

 214, 131, 155


 214, 131, 155

 214, 110, 140

 214, 152, 170

 214, 88, 125

 214, 174, 185

 214, 67, 109

 214, 195, 201

 214, 45, 94

 214, 216, 217

 214, 24, 79

 214, 228, 238

 214, 3, 64

 214, 237, 255

 214, 0, 62

 214, 235, 255

Harmonies

Analogous

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



196, 136, 186



214, 131, 155



215, 135, 124

Triad

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



214, 131, 155



101, 163, 122



57, 120, 209

Complementary

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



214, 131, 155



131, 180, 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.



21, 100, 187



214, 131, 155



104, 154, 169

Square

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



214, 131, 155



118, 174, 92



62, 121, 172



112, 144, 217

Rectangle

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



214, 131, 155



206, 156, 108



62, 121, 172



39, 111, 203

Sweetspot

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



214, 131, 155



255, 224, 233



189, 131, 214



128, 110, 115



0, 0, 0



128, 128, 128

Same Dimension

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



214, 131, 155



255, 135, 170



214, 152, 131



107, 96, 99



171, 0, 49



43, 0, 13

Inverse Universe

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



214, 131, 155



255, 135, 170



131, 168, 214



107, 96, 99



171, 0, 49



43, 0, 13

Previews

White Background



This preview shows how the RYB color 214, 131, 155 looks on a white background.

Color Contrast Check

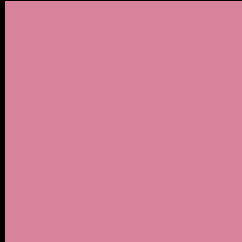
Large Text (above 18pt) WCAG AA × Fail

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 214, 131, 155 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 214, 131, 155 Background



This preview shows how black text looks on a background with the RYB color 214, 131, 155.



This preview shows how white text looks on a background with the RYB color 214, 131, 155.

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
214, 131, 155

Protanopia
155, 155, 169

Deuteranopia
172, 151, 152



Tritanopia

213, 133, 143

Trichromacy



Original Color
214, 131, 155

Protanomaly
176, 146, 164

Deuteranomaly
187, 144, 153

Tritanomaly
213, 132, 147

Monochromacy



Original Color
214, 131, 155

Achromatopsia
159, 159, 159

Achromatomaly
179, 149, 158

CSS Examples

Text

The CSS property to change the color of the text to RYB 214, 131, 155 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, 131, 155) looks like.

```
.text, #text, p{  
    color:rgb(214, 131, 155)  
}
```

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, 131, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 131, 155) }
```

Border

The CSS property to change the border of an element to RYB 214, 131, 155 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, 131, 155) }
```

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

```
.border{ border-color:rgb(214, 131, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 131, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 131, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 131, 155);  
box-shadow:4px 4px 4px 4px rgb(214, 131,  
155) }
```

Background

The CSS property to change the background color of an element to RYB 214, 131, 155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 131, 155) }
```

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

```
.background{ background-color: rgb(214,  
131, 155) }
```

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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