

Converting Colors

`RYB(214, 171, 190)`

Have a look what the booklet for
RYB(214, 171, 190) contains.

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Color

R_YB(214, 171, 190)

Conversions

Conversions Part 1

Format	Color
Hex	D6ABBE
RGB	214, 171, 190
RGB Percent	84%, 67%, 75%
CMY	0.1608, 0.3294, 0.2549
CMYK	0.00, 0.20, 0.11, 0.16
HSL	333°, 34%, 75%
HSV	333°, 20%, 84%
XYZ	51.5887, 47.1397, 55.0950
YIQ	186.0230, 19.5290, 15.0250

Conversions

Conversions Part 2

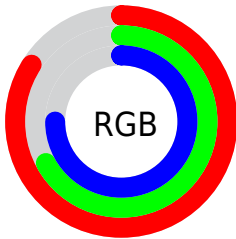
Format	Color
R_{YB}	214, 171, 190
Decimal	14068670
CIE _{Lab}	74.28, 18.72, -3.72
CIE _{LCh}	74, 19.090, 348.765
Yxy	47.1397, 0.3354, 0.3065
Android (android.graphics.Color)	4292258750 (0xFFD6ABBE)
YUV	186.0230, 1.9607, 24.5358
Hunter-Lab	68.6583, 13.9698, 0.4834

Details

The RYB color **214, 171, 190** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **171, 199, 214**, and the grayscale version is **186, 186, 186**.

A 20% lighter version of the original color is **255, 227, 246**, and **159, 119, 137** is the 20% darker color. If you saturate the color by 10%, you get **214, 150, 178**, and if you desaturate by 10%, it is **214, 192, 202**.

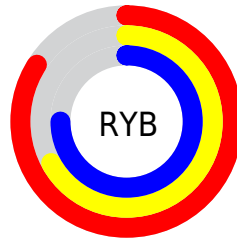
Distribution



Red (84%)

Green (67%)

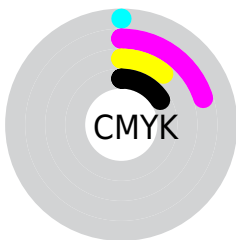
Blue (75%)



Red (84%)

Yellow (67%)

Blue (75%)

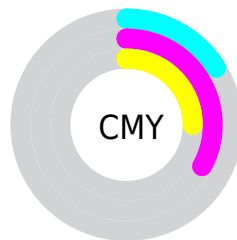


Cyan (0%)

Magenta (20%)

Yellow (11%)

Black (16%)



Cyan (16%)

Magenta (33%)

Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the RYB color 214, 171, 190 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, 171, 190 by changing the saturation by 10% instead.

 214, 171, 190

255, 255, 255

 255, 227, 246

 214, 171, 190

 186, 144, 163

 159, 119, 137

 132, 94, 111

 107, 70, 87

 82, 47, 64


 58, 25, 42

 37, 1, 21


 0, 0, 0

 214, 171, 190


 214, 171, 190

 214, 150, 178

 214, 192, 202

 214, 128, 166


 214, 214, 214

 214, 107, 154

 214, 227, 235

 214, 85, 142


 214, 240, 255

 214, 64, 130

 214, 236, 255

 214, 43, 118

 214, 235, 255

 214, 21, 106

 214, 0, 95

Harmonies

Analogous

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



199, 175, 206



214, 171, 190



220, 171, 172

Triad

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



214, 171, 190



149, 185, 149



139, 169, 208

Complementary

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



214, 171, 190



171, 199, 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.



136, 165, 193



214, 171, 190



159, 190, 185

Square

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



214, 171, 190



192, 203, 149



147, 175, 192



155, 176, 217

Rectangle

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



214, 171, 190



218, 175, 161



147, 175, 192



136, 167, 204

Sweetspot

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



214, 171, 190



255, 240, 246



195, 171, 214



128, 119, 123



0, 0, 0



128, 128, 128

Same Dimension

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



214, 171, 190



255, 194, 221



214, 173, 171



107, 96, 101



171, 0, 75



43, 0, 19

Inverse Universe

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



214, 171, 190



255, 194, 221



171, 192, 214



107, 96, 101



171, 0, 75



43, 0, 19

Previews

White Background



This preview shows how the RYB color 214, 171, 190 looks on a white background.

Color Contrast Check

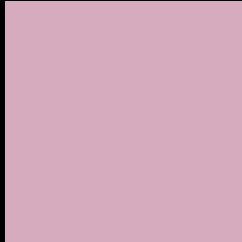
Large Text (above 18pt) WCAG AA × Fail

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, 171, 190 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, 171, 190 Background



This preview shows how black text looks on a background with the RYB color 214, 171, 190.



This preview shows how white text looks on a background with the RYB color 214, 171, 190.

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, 171, 190

Protanopia
182, 182, 196

Deuteranopia
198, 177, 189



Tritanopia

213, 172, 185

Trichromacy



Original Color

214, 171, 190

Protanomaly

194, 178, 194

Deuteranomaly

204, 175, 189

Tritanomaly

213, 172, 187

Monochromacy



Original Color

214, 171, 190

Achromatopsia

186, 186, 186

Achromatomaly

196, 181, 187

CSS Examples

Text

The CSS property to change the color of the text to RYB 214, 171, 190 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, 171, 190)` looks like.

```
.text, #text, p{  
    color:rgb(214, 171, 190)  
}
```

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, 171, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 171, 190) }
```

Border

The CSS property to change the border of an element to RYB 214, 171, 190 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, 171, 190) }
```

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

```
.border{ border-color:rgb(214, 171, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 171, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 171, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 171, 190);  
box-shadow:4px 4px 4px 4px rgb(214, 171,  
190) }
```

Background

The CSS property to change the background color of an element to RYB 214, 171, 190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 171, 190) }
```

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

```
.background{ background-color: rgb(214,  
171, 190) }
```

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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