

Converting Colors

`RYB(211, 162, 159)`

Have a look what the booklet for
RYB(211, 162, 159) contains.

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Color

R_YB(211, 162, 159)

Conversions

Conversions Part 1

Format	Color
Hex	D3A29F
RGB	211, 162, 159
RGB Percent	83%, 64%, 62%
CMY	0.1725, 0.3653, 0.3765
CMYK	0.00, 0.23, 0.25, 0.17
HSL	3°, 37%, 73%
HSV	3°, 25%, 83%
XYZ	46.0135, 42.1351, 38.5086
YIQ	176.3090, 30.1670, 9.4550

Conversions

Conversions Part 2

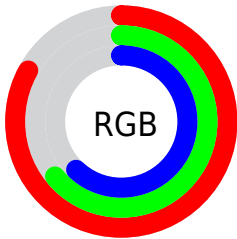
Format	Color
R _Y B	211, 162, 159
Decimal	13869727
CIE Lab	70.96, 17.76, 8.50
CIE LCh	71, 19.687, 25.582
Yxy	42.1351, 0.3633, 0.3327
Android (android.graphics.Color)	4292059807 (0xFFD3A29F)
YUV	176.3090, -8.5333, 30.4240
Hunter-Lab	64.9116, 12.9370, 10.2645

Details

The RYB color **211, 162, 159** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **159, 184, 211**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **255, 217, 214**, and **155, 110, 108** is the 20% darker color. If you saturate the color by 10%, you get **211, 142, 138**, and if you desaturate by 10%, it is **211, 182, 180**.

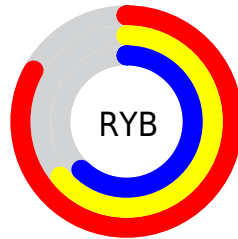
Distribution



Red (83%)

Green (64%)

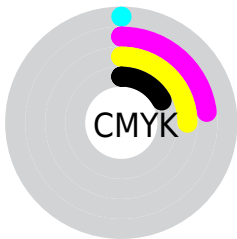
Blue (62%)



Red (83%)

Yellow (64%)

Blue (62%)

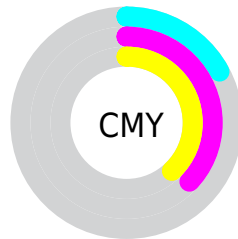


Cyan (0%)

Magenta (23%)

Yellow (25%)

Black (17%)



Cyan (17%)


Magenta (37%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RYB color 211, 162, 159 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 211, 162, 159 by changing the saturation by 10% instead.

 211, 162, 159

 211, 162, 159

255, 255, 255

 183, 135, 133


 255, 217, 214

 155, 110, 108

 255, 246, 242

 129, 85, 83

 103, 62, 60


 78, 39, 39


 54, 18, 18


 34, 0, 0


 0, 0, 0


 211, 162, 159


 211, 162, 159

 211, 142, 138


 211, 182, 180

 211, 122, 117


 211, 202, 201

 211, 102, 96


 211, 217, 222


 211, 82, 75


 211, 227, 243

 211, 62, 54

 211, 233, 255

 211, 43, 32

 211, 23, 11

 211, 13, 0

Harmonies

Analogous

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



208, 161, 177



211, 162, 159



204, 178, 145

Triad

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



211, 162, 159



150, 179, 182



150, 168, 209

Complementary

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



211, 162, 159



159, 184, 211

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.



131, 161, 203



211, 162, 159



133, 163, 184

Square

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



211, 162, 159



141, 177, 147



125, 155, 188



173, 170, 206

Rectangle

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



211, 162, 159



187, 196, 139



125, 155, 188



142, 165, 208

Sweetspot

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



211, 162, 159



255, 238, 237



211, 159, 208



128, 118, 117



0, 0, 0



128, 128, 128

Same Dimension

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



211, 162, 159



255, 183, 179



200, 211, 159



105, 95, 94



168, 10, 0



41, 2, 0

Inverse Universe

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



159, 184, 211



179, 216, 255



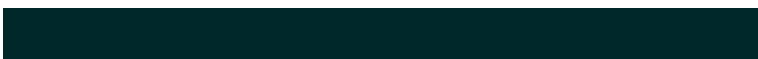
159, 175, 211



94, 99, 105



0, 82, 168



0, 20, 41

Previews

White Background



This preview shows how the RYB color 211, 162, 159 looks on a white background.

Color Contrast Check

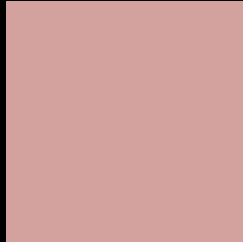
Large Text (above 18pt) WCAG AA × Fail

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 211, 162, 159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

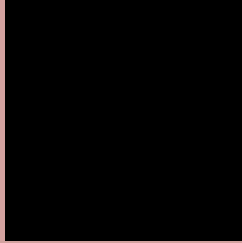
Any Text WCAG AA ✓ Pass

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 211, 162, 159 Background



This preview shows how black text looks on a background with the RYB color 211, 162, 159.



This preview shows how white text looks on a background with the RYB color 211, 162, 159.

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
211, 162, 159

Protanopia
176, 179, 165

Deuteranopia
197, 171, 158



Tritanopia
212, 160, 172

Trichromacy



Original Color

211, 162, 159

Protanomaly

191, 171, 163

Deuteranomaly

202, 168, 158

Tritanomaly

212, 161, 167

Monochromacy



Original Color

211, 162, 159

Achromatopsia

176, 176, 176

Achromatomaly

189, 171, 170

CSS Examples

Text

The CSS property to change the color of the text to RYB 211, 162, 159 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(211, 162, 159)` looks like.

```
.text, #text, p{  
    color:rgb(211, 162, 159)  
}
```

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(211, 162, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 162, 159) }
```

Border

The CSS property to change the border of an element to RYB 211, 162, 159 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(211, 162, 159) }
```

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

```
.border{ border-color:rgb(211, 162, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 162, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 162, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 162, 159);  
box-shadow:4px 4px 4px 4px rgb(211, 162,  
159) }
```

Background

The CSS property to change the background color of an element to RYB 211, 162, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 162, 159) }
```

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

```
.background{ background-color: rgb(211,  
162, 159) }
```

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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