

Converting Colors

`RYB(215, 156, 153)`

Have a look what the booklet for
RYB(215, 156, 153) contains.

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Color

R_YB(215, 156, 153)

Conversions

Conversions Part 1

Format	Color
Hex	D79C99
RGB	215, 156, 153
RGB Percent	84%, 61%, 60%
CMY	0.1569, 0.3888, 0.4000
CMYK	0.00, 0.28, 0.29, 0.16
HSL	3°, 44%, 72%
HSV	3°, 29%, 84%
XYZ	45.6393, 40.4775, 35.5445
YIQ	173.2990, 36.1270, 11.5750

Conversions

Conversions Part 2

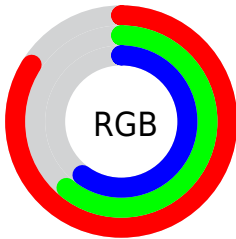
Format	Color
RYB	215, 156, 153
Decimal	14130329
CIELab	69.81, 21.67, 10.23
CIElCh	70, 23.967, 25.280
Yxy	40.4775, 0.3751, 0.3327
Android (android.graphics.Color)	4292320409 (0xFFD79C99)
YUV	173.2990, -10.0074, 36.5718
Hunter-Lab	63.6219, 16.7091, 11.4110

Details

The RYB color **215, 156, 153** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **153, 183, 215**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **255, 211, 207**, and **159, 104, 102** is the 20% darker color. If you saturate the color by 10%, you get **215, 135, 132**, and if you desaturate by 10%, it is **215, 176, 175**.

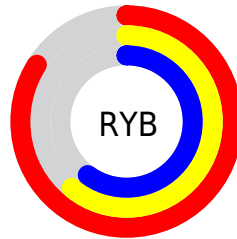
Distribution



Red (84%)

Green (61%)

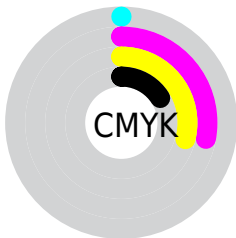
Blue (60%)



Red (84%)

Yellow (61%)

Blue (60%)

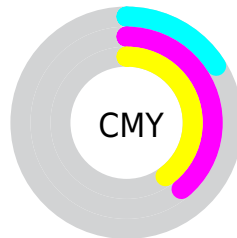


Cyan (0%)

Magenta (28%)

Yellow (29%)

Black (16%)



Cyan (16%)


Magenta (39%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the RYB color 215, 156, 153 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 215, 156, 153 by changing the saturation by 10% instead.

 215, 156, 153

 215, 156, 153

255, 255, 255

 187, 130, 127

 255, 211, 207


 159, 104, 102

 255, 240, 236

 132, 80, 78

 105, 56, 55


 80, 34, 34

 55, 12, 12

 35, 0, 1


 0, 0, 0

 215, 156, 153


 215, 156, 153

 215, 135, 132


 215, 176, 175

 215, 115, 110


 215, 197, 196

 215, 94, 88


 215, 216, 218

 215, 74, 67

 215, 227, 239

 215, 53, 45

 215, 235, 255

 215, 33, 24

 215, 12, 2

 215, 10, 0

Harmonies

Analogous

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



211, 155, 175



215, 156, 153



207, 175, 136

Triad

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



215, 156, 153



142, 177, 180



140, 163, 213

Complementary

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



215, 156, 153



153, 183, 215

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.



115, 153, 206



215, 156, 153



120, 156, 183

Square

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



215, 156, 153



131, 175, 139



108, 146, 188



170, 166, 210

Rectangle

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



215, 156, 153



189, 197, 129



108, 146, 188



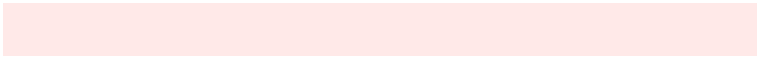
130, 159, 212

Sweetspot

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



215, 156, 153



255, 233, 232



215, 153, 213



128, 114, 113



0, 0, 0



128, 128, 128

Same Dimension

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



215, 156, 153



255, 170, 166



207, 215, 153



107, 97, 96



171, 8, 0



43, 2, 0

Inverse Universe

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



153, 183, 215



166, 209, 255



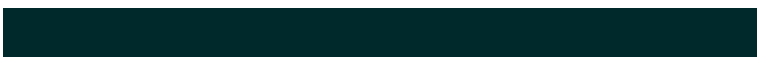
153, 173, 215



96, 102, 107



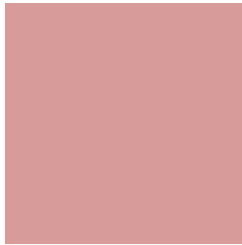
0, 83, 171



0, 21, 43

Previews

White Background



This preview shows how the RYB color 215, 156, 153 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 215, 156, 153 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 215, 156, 153 Background



This preview shows how black text looks on a background with the RYB color 215, 156, 153.

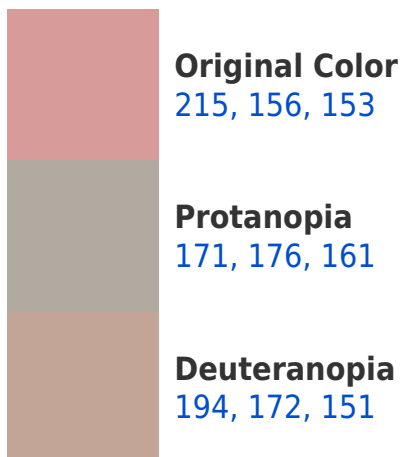



This preview shows how white text looks on a background with the RYB color 215, 156, 153.

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](#).

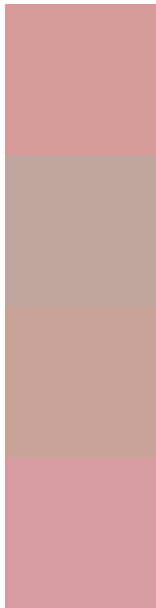
Dichromacy





Tritanopia
216, 154, 166

Trichromacy



Original Color
215, 156, 153

Protanomaly
190, 167, 158

Deuteranomaly
202, 165, 152

Tritanomaly
216, 155, 161

Monochromacy



Original Color
215, 156, 153

Achromatopsia
173, 173, 173

Achromatomaly
188, 167, 166

CSS Examples

Text

The CSS property to change the color of the text to RYB 215, 156, 153 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(215, 156, 153) looks like.

```
.text, #text, p{  
    color:rgb(215, 156, 153)  
}
```

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(215, 156, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 156, 153) }
```

Border

The CSS property to change the border of an element to RYB 215, 156, 153 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(215, 156, 153) }
```

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

```
.border{ border-color:rgb(215, 156, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 156, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 156, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 156, 153);  
box-shadow:4px 4px 4px 4px rgb(215, 156,  
153) }
```

Background

The CSS property to change the background color of an element to RYB 215, 156, 153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 156, 153) }
```

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

```
.background{ background-color: rgb(215,  
156, 153) }
```

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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